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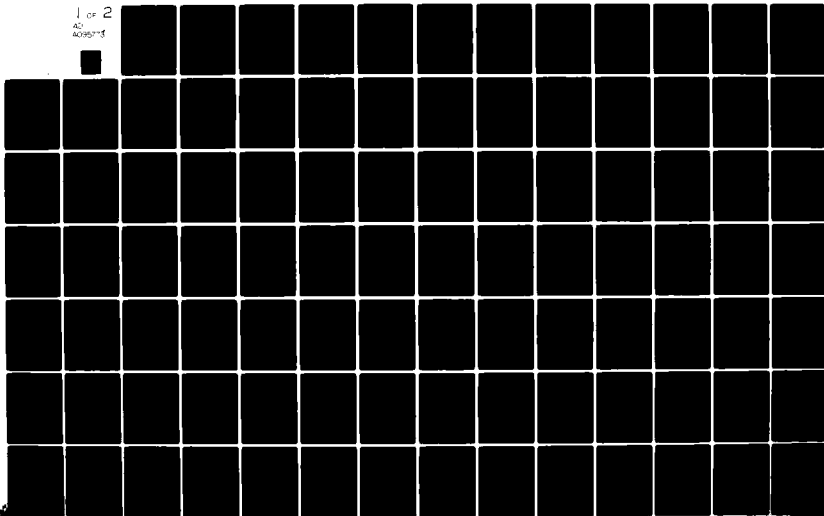
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M-X ENVIRONMENTAL TECHNICAL REPORT. ALTERNATIVE POTENTIAL DEPLO--ETC(U)
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M-X

ENVIRONMENTAL
TECHNICAL REPORT

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DDA: TEXAS/NEW MEXICO

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- Lamb, Lubbock, Moore, Oldham, Parmer, Potter, Randall, Sherman, and Swisher, and the New Mexico counties of Chaves, Curry, De Baca, Harding, Quay, Roosevelt, and Union. Attributes which cannot be logically evaluated at the county level (e.g., air quality) are explicitly defined when baseline data are presented. Potential base sites are located in the vicinity of Clovis, New Mexico and Dalhart, Texas.

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M-X Environmental Technical Report.

ALTERNATIVE POTENTIAL
DEPLOYMENT AREAS:
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United States Air Force
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Norton Air Force Base
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By

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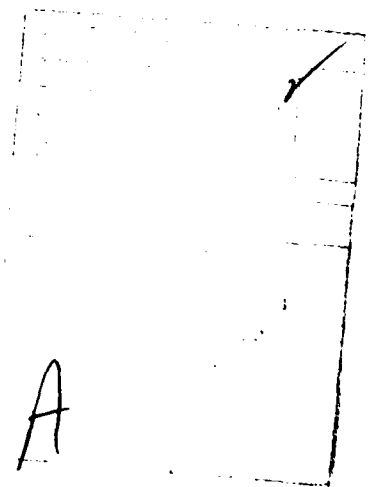


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1.0 TEXAS/NEW MEXICO REGIONAL ENVIRONMENT

This study area is being considered as an alternate site for the deployment of the M-X system. Located in western Texas and eastern New Mexico, the region is generally known as the Southern High Plains. Farming and ranching are important economic activities. Several high production oil and gas fields are also located within the study area.

The designated Texas/New Mexico region of influence (ROI) is shown in Figure 1-1. It includes the Texas counties of Bailey, Castro, Cochran, Dallam, Deaf Smith, Hale, Hartley, Hockley, Lamb, Lubbock, Moore, Oldham, Parmer, Potter, Randall, Sherman, and Swisher, and the New Mexico counties of Chaves, Curry, De Baca, Harding, Quay, Roosevelt, and Union. Attributes which cannot be logically evaluated at the county level (e.g., air quality) are explicitly defined when baseline data are presented. Potential base sites are located in the vicinity of Clovis, New Mexico and Dalhart, Texas.

1.1 ECONOMIC ACTIVITY

During the past decade, employment rates in both Texas and New Mexico have been above the national average. Most of the unemployment in both states has been in the large metropolitan areas. In the Panhandle and South Plains regions of Texas, the unemployment rate has been below both the state and national averages. This is also the case in Curry County, New Mexico. This favorable employment condition is expected to continue as both states anticipate growth of local markets as a result of population influxes.

Income and earnings trends in Texas indicated growth in all economic sectors during the 1970s. Nearly all sectors approached or exceeded a doubling of income between 1970 and 1975. The Texas study area also showed gains in all sectors with the exception of agriculture, which declined in the South Plains Region.

In New Mexico, only agriculture registered a decline in earnings during the 1970s. However, unlike Texas, manufacturing showed only modest increases while mining ranked as the fastest growing economic sector. Because of the state's energy resources, mining is expected to outpace all other activities in the early 1980s.

Both Texas/New Mexico have revenue structures that reflect a well balanced framework. Sales tax revenues constitute the principal source, accounting for one-fourth of the total in each state. Total revenues have grown at average annual rates of 13.8 percent in Texas and 8.4 percent in New Mexico. The largest expenditure for both states was for education which accounted for about half of the total. In both states social services were the second largest expenditure.

EMPLOYMENT

Texas

The state of Texas is characterized by:

- o A growth rate more than twice that of the United States as a whole

- o A predominantly metropolitan and young population
- o An economy that is well distributed across diverse economic sectors, with greatest emphasis in manufacturing and trade
- o A low level of unemployment

Tables 1.1-1 and 1.1-2 highlight detailed employment characteristics of the Texas ROI. The former table indicates the relative dependence of the region's economy on four sectors -- government, comprising 17 percent of total employment in 1976, services, (15 percent), agriculture, (11 percent), and manufacturing, (10 percent). The government and services 1976 employment shares in the region were slightly below those for the state and nation, while the agricultural employment share was more than double the corresponding shares for Texas and the United States. The region's manufacturing employment share was two-thirds that of the state and only one-half that of the nation.

Table 1.1-2 presents 9 year employment growth figures and indicates that the Texas ROI has grown at a pace just slightly faster than the nation although the state of Texas has grown at almost double the national rate over the 1967-1976 period. All of the industries experienced growth states above 2.6 percent per year except the agriculture and government sectors where employment declined in both sectors by 0.6 percent per year between 1967 and 1976.

New Mexico

In the last half of the 1970s, the economy, population, and employment of New Mexico expanded. But by 1980, inflation had moderated the significant economic improvement of the past few years. Population growth was running at a 1.5 percent annual rate of increase in 1977. Development of the state's energy resources and of sun-belt living have been prime influences in this expansion.

Table 1.1-3 and 1.1-4 highlight detailed employment characteristics of the New Mexico ROI. Table 1.1-3 indicates the relative dependence of the region's economy on three sectors -- government, with 28 percent of total employment in 1977, agriculture (13 percent) and services, (12 percent). The ROI government sector employment share is 50 percent greater than that of the nation. The agricultural employment share is 3 times that of the nation.

Manufacturing and services traditionally dominate a well-balanced economic base, however, in the New Mexico ROI, manufacturing is only one-third, and services only two-thirds that of the corresponding national employment shares.

Table 1.1-4 presents 10-year employment growth figures and indicates that the New Mexico ROI has grown very little relative to the state as whole. Employment has increased by only 1.6 percent per year between 1967 and 1977 in the region, but increased by 3.3 percent per year statewide. Government sector employment increased by 3,151 jobs, greater than the total of all the other sectoral employment increases combined, however its average annual growth rate was still less than both the state and national figures. Both mining and agriculture experienced employment declines over the 1967 to 1976 period in the New Mexico ROI.

Table 1.1-1. Total employment and percent share by major economic sectors, selected Texas counties, 1976.

COUNTY	TOTAL EMPLOYMENT	PERCENT OF TOTAL STATE EMPLOYMENT	AGRICULTURE SHARE (PERCENT)	MINING SHARE (PERCENT)	CONSTRUCTION SHARE (PERCENT)	MANUFACTURING SHARE (PERCENT)	SERVICES SHARE (PERCENT)	GOVERNMENT SHARE (PERCENT)
Bailey	3,468	0.06	36.9	(D) ²	1.9	1.3	10.5	11.3
Castro	4,988	0.09	45.1	(D)	3.8	4.6	7.0	14.0
Cochran	2,092	0.04	43.9	1.1	0.9	2.6	9.2	17.8
Dallam	3,475	0.06	29.9	0.1	2.3	3.7	9.1	11.2
Deaf Smith	9,434	0.17	26.2	0.1	4.2	13.7	8.2	11.8
Hale	15,527	0.27	19.5	0.2	2.9	11.2	13.3	14.6
Hartley	1,356	0.02	65.9	0.0	0.0	0.7	10.8	8.1
Hockley	7,761	0.14	21.3	14.3	2.1	2.2	12.2	16.5
Lamb	7,272	0.13	30.6	0.0	2.7	1.8	11.3	12.3
Lubbock	92,404	1.62	3.2	0.1	4.8	11.8	17.5	20.6
Moore	7,075	0.12	15.8	5.6	6.7	15.2	10.5	13.1
Oldham	1,150	0.02	42.8	(D)	3.8	0.0	14.3	16.6
Parmer	5,539	0.10	47.2	0.0	1.6	9.1	7.1	9.3
Potter/Randall	77,108	1.35	2.3	1.4 ¹	5.3	11.2	10.9	16.1
Sherman	2,179	0.04	53.6	2.7	2.7	0.8	3.5	9.5
Swisher	4,801	0.08	38.0	(D)	1.0	4.5	7.1	12.8
Texas ROI	245,629	4.30	11.3	1.1 ¹	4.4	10.2	15.0	16.8
Total State	5,706,293	100.00	5.1	2.4	5.6	15.0	16.2	18.1
United States	94,685,804		4.5	0.8	3.8	20.1	17.2	18.6

¹Estimated.

²(D) = Not shown to avoid disclosure of confidential information.

Source: BEA, July 1978.

3796-2

Table 1.1-2. Employment growth, major economic sectors, Texas ROI counties, 1967-1976. (Page 1 of 2)

COUNTY	TOTAL			AGRICULTURE			MINING		
	1967	1976	Δ^1	1967	1976	Δ	1967	1976	Δ
Bailey	3,656	3,468	-0.6	1,691	1,281	-3.0	1	(D) ³	(D)
Castro	3,989	4,988	2.5	2,138	2,250	0.6	0	(D)	(D)
Cochran	2,247	2,092	-0.8	1,056	918	-1.5	114	22	-16.7
Dallam	3,159	3,475	1.1	823	1,038	2.6	1	4	16.7
Deaf Smith	6,524	9,434	4.2	2,346	2,473	0.6	(D)	6	(D)
Hale	13,875	15,527	1.3	3,469	3,033	-1.5	42	28	-4.4
Hartley	857	1,356	5.2	535	894	5.9	0	0	0.0
Hockley	7,256	7,761	0.8	2,391	1,655	-4.0	836	1,109	3.2
Lamb	6,907	7,272	0.6	2,820	2,222	-2.6	(D)	2	(D)
Lubbock	69,990	92,404	3.1	3,823	2,922	-2.9	68	102	4.6
Moore	5,712	7,075	2.4	818	1,116	3.5	232	399	6.2
Oldham	1,037	1,150	1.2	362	444	2.3	(D)	(D)	(D)
Parmer	4,306	5,539	2.8	2,460	2,616	0.7	(D)	0	(D)
Potter/Randall	72,807	77,108	0.6	1,664	1,781	0.8	874	963 ²	2.0 ⁵
Sherman	1,650	2,179	3.1	827	1,167	3.9	21	58	11.9
Swisher	4,584	4,801	0.5	2,008	1,826	-1.1	(D)	(D)	(D)
Texas ROI	203,565	245,629	1.8	29,231	27,636	-0.6	2,189	2,772 ⁷	2.7 ⁵
Total State	4,419,612	5,706,293	2.9	328,978	290,915	-1.4	106,136	137,691	2.9
United States	82,506,400	94,685,804	1.5	4,625,000	4,262,804	-0.9	615,000	777,000	2.6

3799-1

Table 1.1-2. Employment growth, major economic sectors, Texas ROI counties, 1967-1976.
(Page 2 of 2)

COUNTY	CONSTRUCTION			MANUFACTURING			SERVICES			GOVERNMENT		
	1967	1976	Δ	1967	1976	Δ	1967	1976	Δ	1967	1976	Δ
Bailey	121	66	-6.5	27	46	6.1	304	364	2.0	360	392	1.0
Castro	130	191	4.4	109	229	8.6	313	347	1.2	400	696	6.3
Cochran	(D)	18	(D)	(D)	54	(D)	148	193	3.0	288	373	2.9
Dallam	94	79	-1.9	151	128	-1.8	422	316	-3.2	286	389	3.5
Deaf Smith	182	396	9.0	521	1,292	10.6	607	772	2.7	723	1,110	4.9
Hale	562	449	-2.5	838	1,737	8.4	2,038	2,070	0.2	1,592	2,261	4.0
Hartley	(D)	0	(D)	0	9	—	27	146	20.6	96	110	1.5
Hockley	188	165	-1.4	103	172	5.9	731	949	2.9	934	1,281	3.6
Lamb	77	196	10.9	127	129	0.2	586	820	-0.5	673	892	3.2
Lubbock	3,242	4,452	3.6	6,061	10,949	6.8	12,435	16,192	3.0	13,940	18,994	3.5
Moore	395	471	2.0	1,175	1,072	-1.9	395	744	7.3	798	929	1.7
Oldham	(D)	39	(D)	0	0	0.0	29	148	19.9	114	172	4.7
Parmer	55	88	5.4	128	503	16.4	366	391	0.7	386	517	3.3
Potter/Randall	2,644	4,064	4.9	4,749	8,614	6.8	10,407	13,017	2.5	22,459	12,405	-6.4
Sherman	(D)	58	(D)	9	17	7.3	65	77	1.9	192	207	0.8
Swisher	116	49	-9.1	105	218	8.5	295	342	1.7	475	613	2.9
Texas ROI	7,806	10,781	3.7 ¹	14,103	25,169	6.6	29,168	36,888	2.6	43,716	41,341	-0.6
Total State	213,973	321,143	4.6	665,385	854,662	2.8	698,176	923,660	3.2	811,525	1,047,289	2.9
United States	3,308,000	3,615,000	1.0	19,504,000	19,026,000	-0.3	12,675,000	16,307,000	2.8	13,924,400	17,633,000	2.7

¹ Δ = Average annual growth rate.

² = Data are for 1972.

³(D) = Not shown to avoid disclosure of confidential information.

⁴(L) = Less than 10 wage and salary jobs.

⁵Rate is doubt because of large number of data points withheld.

⁶ = Undefined.

⁷Estimate.

Source: BEA, July 1978.

3799-1

Table 1.1-3. Total employment and percent share by major economic sectors, New Mexico ROI counties, 1977.

COUNTY	TOTAL EMPLOYMENT	PERCENT OF TOTAL STATE EMPLOYMENT	AGRICULTURE SHARE (PERCENT)	MINING SHARE (PERCENT)	CONSTRUCTION SHARE (PERCENT)	MANUFACTURE SHARE (PERCENT)	SERVICES SHARE (PERCENT)	GOVERNMENT SHARE (PERCENT)
Chaves	19,160	3.9	9.3	1.7 ¹	4.2 ¹	11.2	14.5	20.0
Curry	18,558	3.7	6.3	0.1	3.4	5.0	11.2	37.7
Doña Ana	991	0.2	28.9	0.0	3.9	2.0	(D)	27.3
Harding	664	0.1	47.3	(D) ²	(D)	8.7	4.5	22.0
Quay	4,900	1.0	18.8	0.2	3.6	3.4	14.9	23.2
Roosevelt	6,566	1.3	22.5	0.2	2.3	3.4	6.4	32.8
Union	2,212	0.4	31.0	(D)	1.9	0.9	11.1	22.9
New Mexico ROI	53,051	10.7	12.5	0.7 ¹	3.5 ¹	6.7	11.8	28.3
Total State	496,514	100.0	4.3	4.7	6.2	6.5	16.8	27.1
United States	97,848,874		4.2	0.8	4.0	20.1	17.4	18.2

¹ Estimated

² (D) = not shown to avoid disclosure of confidential information.

Source: BEA, April 1979.

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Table 1.1-4. Employment growth, major economic sectors, New Mexico ROI counties, 1967-1977.
(Page 1 of 2)

COUNTY	TOTAL		AGRICULTURE		MINING		CONSTRUCTION	
	1967	1977	Δ ¹	1967	1977	Δ	1967	1977
Chaves	15,885	19,160	1.9	2,032	1,774	-1.3	438	334 ²
Curry	14,935	18,558	2.2	1,442	1,169	-2.1	(D)	16
De Baca	951	991	0.4	361	286	-2.3	(D)	0
Harding	702	664	-0.6	372	314	-1.7	0	(D)
Quay	4,793	4,900	0.2	1,165	922	-2.3	(D)	(L) ⁴
Roosevelt	5,747	6,566	1.3	1,787	1,477	-1.9	51	12
Union	2,093	2,212	0.6	752	685	-0.9	(D)	(D)
Texas ROI	45,106	53,051	1.6	7,911	6,627	-1.8	489	352 ⁷
Total State	358,436	496,514	3.3	24,907	21,127	-1.6	15,890	23,306
United States	82,506,400	97,848,874	1.7	4,625,000	4,152,874	-1.1	615,000	824,000
							3,308,000	3,878,000
							1,389	1,841
							16,669	30,710
							3.0	1.6

3798-1

Table 1.1-4. Employment growth, major economic sectors, New Mexico ROI counties, 1967-1977. (Page 2 of 2)

COUNTY	MANUFACTURING		Δ	SERVICES		Δ	GOVERNMENT		Δ
	1967	1977		1967	1977		1967	1977	
Chaves	1,030	2,154	7.7	2,503	2,781	1.1	3,171	3,834	1.9
Curry	572	925	4.9	1,414	2,078	3.7	5,719	6,990	2.0
De Baca	(D)	20	(D)	92	(D)	(D)	190	271	3.6
Harding	(D)	58	(D)	(D)	30	(D)	132	146	1.0
Quay	90	166	6.3	637	729	1.4	1,024	1,136	1.0
Roosevelt	224	221	-0.1	446	422	-0.5	1,261	2,156	5.5
Union	(D)	20	(D)	260	245	-0.6	391	506	2.6
Texas ROI	1,916	3,564	6.4 ¹	5,382	6,285	1.6 ⁵	11,888	15,039	2.4
Total State	18,032	32,188	7.0	62,298	83,337	3.0	101,278	134,754	2.9
United States	14,504,000	19,696,000	0.1	12,675,000	17,030,000	3.0	13,924,400	17,795,000	2.5

1. = Average annual growth rate.

2. = Data are for 1976.

3 (D) = Not shown to avoid disclosure of confidential information.

4 L = Less than 10 wage and salary jobs.

5 = Rate in doubt because of large number of data points withheld by disclosure rules.

6 - = Undefined.

7 = Estimate.

Source: BEA, April 1979.

3798-1

INCOME AND EARNINGS

Income and earnings trends in Texas indicated growth in all economic sectors during the 1970s. Nearly all sectors approached or exceeded a doubling of income between 1970 and 1975. The Texas study area also showed gains in all sectors with the exception of agriculture, which declined in the South Plains region.

In New Mexico, only agriculture registered a decline in earnings during the 1970s. However, unlike Texas, manufacturing showed only modest increases, which mining ranked as the fastest growing economic sector. Because of the state's energy resources, mining is expected to outpace all other activities in the early 1980s.

Both Texas and New Mexico have revenue structures that reflect a well-balanced framework. Sales tax revenues constitute the principal source, accounting for one-fourth of the total in each state. Total revenues have grown at an average annual rate of 13.8 percent in Texas and 8.4 percent in New Mexico. The largest expenditure for both states was for education, which accounted for about half of the total. In both states social services were the second largest expenditure.

Texas

Total earnings have exhibited little growth over the 1968 to 1978 period in the Texas ROI. Table 1.1-5 highlights the Texas ROI earnings by major industrial sector relative to individual counties in the ROI, the state of Texas, and the United States. These figures have been adjusted to 1978 dollars to account for inflation. It indicates that the region's 1978 total earnings of \$2,916.3 million were only about 4 percent of the state total. Further, the region's annual earnings growth was less than one-half that for Texas as a whole over the 1968 to 1978 period. Disaggregating earnings by industry, however, shows that earnings growth in several sectors were relatively large -- manufacturing posted an 8.9 percent average annual growth rate, while construction, mining and services had average annual gains of 6.2, 6.9, and 4.5 percent, respectively. Government had a relatively small average annual growth rate of 0.7 percent per year while agricultural earnings decreased by \$412.2 million between 1968 and 1978 at an average annual decline of 11.7 percent.

Table 1.1-6 highlights per capita income and earnings shares by major industry in the Texas ROI. The region's 1978 per capita income of \$7,460 was roughly 95 percent that of both Texas and the national figure.

By industrial source, manufacturing, services and government contributed 14, 15, and 16 percent of 1978 earnings in the Texas ROI, respectively. The manufacturing sector earnings share for the region was well below that of the state and nation. Both services and government sectors kept pace with state earnings shares but were slightly lower than the national figures in those industries.

New Mexico

Total earnings in the New Mexico ROI have also exhibited little growth over the 1968 to 1978 period. Table 1.1-7 highlights the New Mexico ROI earnings by major industrial sector relative to individual counties in the ROI, the state of New Mexico, and the United States. These figures are in 1978 dollars.

Table 1.1-7 indicates that the region's 1978 earnings growth was less than one-half that for New Mexico over the 1968 to 1978 period. Disaggregation earnings by industry, however, shows that earnings growth in several industrial sectors were relatively large -- manufacturing, construction, mining, and services experienced average annual growth rates of 6.4, 5.4, 3.8, and 3.2 percent, respectively. The government sector increased by 2.1 percent annually and had 1978 earnings totalling more than manufacturing, construction, mining, and services combined. Agricultural earnings dropped by 2.2 percent annually between 1968 and 1978 from \$123.0 million to \$98.6 million.

Table 1.1-8 highlights per capita income and earnings shares by major industry in the New Mexico ROI. The region's 1978 per capita income of \$6,443 was 98 percent that of New Mexico, but only 82 percent of U.S. per capita income. By industrial source, government, agriculture and services contributed 27, 17, and 11 percent of 1978 earnings in the New Mexico ROI, respectively. The share of total employment in manufacturing for the region and state was only 7 percent, well below one-third that of the national earnings share.

Table 1.1-5. Total earnings by major economic sector, Texas ROI counties, 1968-1978
(in thousands of 1978 dollars). (Page 1 of 2)

COUNTY	TOTAL EARNINGS			AGRICULTURE			MINING		
	1968	1978	Δ^1	1968	1978	Δ	1968	1978	Δ
Bailey	46,133	35,236	-2.7	28,659	9,186	-10.8	(D) ³	(D)	(D)
Castro	67,020	55,679	-1.8	50,385	26,024	-6.4	(L) ⁴	(D)	(D)
Cochran	21,881	14,191	-4.2	13,290	2,618	-15.0	626	1,051	5.3
Dallam	37,425	37,233	-0.1	15,782	7,419	-7.3	(D)	(D)	(D)
Deaf Smith	108,874	124,229	1.3	63,791	40,051	-4.5	1042	392	25.1 ⁵
Hale	162,954	160,160	-0.2	67,988	22,893	-10.3	484	828 ⁹	6.1 ⁵
Hartley	14,411	7,439	-6.4	10,592	1,709	-16.7	(L)	0	0.0 ⁵
Hockley	84,476	87,512	0.4	35,799	-1,210	-5	13,461	33,167	9.4
Lamb	86,164	76,582	-1.2	51,347	21,818	-8.2	118 ⁸	259	21.7 ⁵
Lubbock	769,076	1,112,963	3.9	65,730	10,656	-16.6	1,727	6,326	13.9
Moore	83,044	86,374	0.4	18,579	-5,467	-5	4,164	8512 ¹⁰	9.3 ⁵
Oldham	8,657	12,308	4.1	3,300	5,286	4.8	(D)	(D)	(D)
Parmer	86,481	42,752	-6.8	65,389	4,164	-24.0	(L)	0	0.0 ⁵
Parker-Randall	716,733	1,694,891	3.4	18,291	3,956	-24.5	(D)	(D)	(D)
Sherman	32,327	4,846	-17.3	25,290	-6,642	-	557	2,182	23.8
Swisher	68,147	53,282	-2.4	41,558	24,067	-6.0	167	0	-
Texas ROI	2,381,823	2,916,284	2.6	578,776	160,541	-11.7	20,9647	54,4317	19.0 ¹
Total State	50,632,018	73,094,829	4.6	2,493,921	1,329,190	-6.2	1,985,391	4,331,438	8.2
United States	1,039,655,690	1,318,750,900	2.4	33,188,000	33,188,000	0.1	10,528,125	20,552,000	6.9

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Table 1.1-5. Total earnings by major economic sector, Texas ROI counties, 1967-1978 (in thousands of 1978 dollars). (Page 2 of 2)

COUNTY	CONSTRUCTION		MANUFACTURING		SERVICES		GOVERNMENT	
	1968	1978	1968	1978	1968	1978	1968	1978
Bailey	1,134	980	-1.4	849	4,356	17.8	3,105	4,173
Castro	849	1,671	7.0	1,629	4,169	9.9	3,199	4,256
Cochran	213	449	11.2	157	938	22.0	1,069	1,758
Dallam	1,693	855	-6.1	1,043	5,316	17.7	3,741	4,256
Deaf Smith	4,470	5,407	1.9	7,329	19,767	10.4	6,118	10,629
Hale	5,406	7,175	2.9	1,031	26,954	10.1	17,998	21,070
Hartley	920	341	-13.2	144	(1)	-23.4	218	1,331
Hockley	2,415	4,251	5.8	1,226	2,537	7.5	7,258	8,613
Lamb	1,444	2,079	4.1	1,524	10,198	20.9	7,335	8,244
Liblock	43,952	77,285	5.8	76,528	164,481	8.0	119,109	189,966
Moore	7,489	7,447	-0.1	21,578	51,140	3.7	5,310	9,333
Oldham	1,033	767	-5.8	(1)	(1)	0.0	294	2,050
Parmer	960	2,292	9.1	3,589	12,231	13.0	3,480	5,313
Potter/Mandall	35,501	93,845	9.0	59,919	130,166	8.1	102,053	163,666
Sherman	624	1,104	5.9	141	158	1.1	705	1,249
Swisher	848	1,115	2.8	786	2,432	12.0	3,409	5,164
Texas ROI	113,554	207,149	6.2	177,445	411,843	8.9	284,101	441,678
Total State	3,318,426	6,656,905	7.2	10,691,873	15,748,111	4.0	7,048,781	12,276,159
United States	62,388,759	79,872,000	2.5	303,099,380	345,771,000	1.3	153,226,880	221,951,000
							174,725,630	216,896,000
							9,423,238	12,254,386
							3.8	2.2

3816-2

14 = Average annual growth rate.

2 Data are for 1972.

3 (1) = Not shown to avoid disclosure of confidential information.

4 (1) = Less than 10 wage and salary jobs.

5 Rate* in doubt because of large number of data points withheld by disclosure rules.

6 = Undefined.

7 = Estimate.

8 Data are for 1974.

9 Data are for 1977.

10 Data are for 1976.

Table 1.1-6. Per capita income and earnings shares by economic sector, Texas ROI counties, 1978.

COUNTY	1978 PER CAPITA INCOME	TOTAL 1978 EARNINGS	PERCENT OF TOTAL STATE EARNINGS	AGRICULTURE SHARE (PERCENT)	MINING SHARE (PERCENT)	CONSTRUCTION SHARE (PERCENT)	MANUFACTURING SHARE (PERCENT)	SERVICE SHARE (PERCENT)	GOVERNING SHARE (PERCENT)
Brewster	6,870	33,236	0.04	26.1	(D)	2.8	12.4	11.8	10.7
Castro	6,356	55,679	0.07	46.7	(D)	3.0	7.5	7.6	9.3
Cochran	4,967	14,191	0.02	18.1	7.1	3.2	6.6	12.4	21.2
Dallas	7,957	37,233	0.05	19.9	(D)	2.3	14.3	11.4	10.9
Deaf Smith	8,051	121,229	0.16	32.2	6.3	4.4	15.9	8.6	8.6
Dale	6,683	160,166	0.26	14.3	9.5 ¹	4.5	16.8	13.2	12.5
Dartmouth	5,101	7,439	0.01	22.9	6.0	4.6	6.1	17.9	12.5
Dockery	6,076	87,519	0.11	-1.4	37.4	4.8	2.9	9.7	15.6
Dove	6,822	76,582	0.10	28.5	6.3	2.8 ¹	13.3	10.8	10.2
Labock	7,256	1,112,969	1.11	1.0	0.6	6.9	14.8	17.1	19.8
Moore	6,944	86,374	0.11	-6.0	11.8 ¹	8.1	33.9	11.5 ¹	9.5
Oldham	6,403	12,968	0.02	41.9	(D)	5.9	0.1 ¹	15.9	11.5
Parmer	5,767	42,752	0.05	9.8	0.6	5.4	28.6	12.4	11.3
Porter, Randall	8,472	1,004,891	1.27	0.4	(D)	9.3	13.0	16.3	14.0
Sherman	3,214	4,846	0.01	-57.8	19.0	9.6	1.4	9.8	14.6
Schwartz	7,702	53,283	0.07	45.2	0.6	2.1	4.6	9.7	10.4
Texas ROI	7,460	2,916,284	3.69	5.7	1.9 ¹	7.1 ¹	14.2	15.1 ¹	15.5
Total State	7,746	79,094,829	100.00	1.7	5.5	8.4	19.9	15.5	15.5
United States	7,816	1,318,750,000		4.4	1.6	6.1	26.2	16.8	16.4

¹ Estimated.

(D) = not shown to avoid disclosure of confidential information.

(Source: BEA, July 1980.)

Table 1.1-7. Total earnings by major economic sector, New Mexico ROI counties, 1968-1978 (thousands of 1978 dollars). (Page 1 of 2)

COUNTY	TOTAL EARNINGS			AGRICULTURE			MINING		
	1968	1978	Δ^1	1968	1978	Δ^1	1968	1978	Δ^1
Chaves	161,706	208,420	2.6	34,588	25,340	-3.1	6,803	9,803	3.3
Curry	176,884	208,420	1.6	30,538	20,328	-4.0	288 ⁷	346	2.1 ⁴
De Baca	6,626	10,100	4.3	2,244	4,243	6.6	(D)	(D)	(D)
Harding	4,974	4,655	-0.7	2,370	1,050	-7.8	(L) ³	(D)	(D)
Quay	38,136	46,458	2.0	10,309	10,165	-0.1	175 ⁸	348	12.1 ⁴
Roosevelt	62,820	67,935	0.8	28,491	22,083	-2.5	452	978	8.0
Union	25,279	30,275	1.8	14,421	15,427	0.7	(D)	(D)	(D)
New Mexico ROI	476,425	575,856	1.9	122,961	98,636	-2.2	7,648 ⁵	11,129	3.8 ⁴
Total State	4,027,776	6,166,041	4.4	266,644	266,644	-1.0	259,376	541,278	7.7
United States	1,039,655,600	1,318,750,000	2.4	33,005,625	33,188,000	0.1	10,528,125	20,552,000	6.9

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Table 1.1-7. Total earnings by major economic sector, New Mexico ROI counties, 1968-1978 (thousands of 1978 dollars). (Page 2 of 2)

COUNTY	CONSTRUCTION			MANUFACTURING		
	1968	1978	Δ	1968	1978	Δ
Chaves	8,254	13,650	5.2	11,846	25,124	7.8
Curry	6,504	9,597	4.0	7,905	12,105	4.4
De Baca	366	675	6.3	105	153	5.5 ⁻
Harding	260	101	-8.2 ^u	491	976	10.3 ^u
Quay	1,292	4,015	12.0	724	1,390	6.7
Roosevelt	1,742	1,888	0.8	1,916	2,530	2.8
Union	696	2,346	12.9	205	432	9.8 ^u
New Mexico ROI	19,094 ^e	32,272	5.4	23,016 ^e	42,710	6.4
Total State	264,064	517,492	7.0	237,330	430,710	6.1
United States	62,388,750	79,872,000	2.5	303,099,380	345,771,000	1.3

3817-2

COUNTY	SERVICES			GOVERNMENT		
	1968	1978	Δ	1968	1978	Δ
Chaves	21,630	29,443	3.1	26,754	38,703	3.8
Curry	14,044	22,317	4.7	71,128	78,939	1.0
De Baca	699	751	0.7	1,558	1,897	2.0
Harding	117	132	1.3 ⁻	1,144	1,475	2.6
Quay	4,142	4,599	1.1	9,032	10,316	1.3
Roosevelt	3,769	4,492	1.9	13,886	21,474	4.5
Union	1,862	1,905	0.2	3,919	4,446	1.3
New Mexico ROI	46,290 ^e	63,639	3.2	127,421	157,250	2.1
Total State	687,840	1,012,124	3.9	1,242,111	1,652,096	2.9
United States	153,226,880	221,951,000	3.8	174,725,630	216,896,000	2.2

3817-2

^u = Average annual growth rate.

^(D) = Not shown to avoid disclosure of confidential information.

^(L) = Less than 10 wage and salary jobs.

^{*}Rate in doubt because of large number of data points withheld by disclosure rules.

^e = Undefined.

^u = Estimate.

^uData are for 1969.

^eData are for 1972.

Source BEA, July 1980.

Table 1.1-8. Per capita income and earnings shares by economic sectors, New Mexico ROI counties, 1978.

COUNTY	1978 PER CAPITA INCOME	TOTAL 1978 EARNINGS (000's of \$)	TOTAL STATE EARNINGS PERCENT	AGRICULTURE SHARE (PERCENT)	MINING SHARE (PERCENT)	CONSTRUCTION SHARE (PERCENT)	MANUFACTURE SHARE (PERCENT)	SERVICES SHARE (PERCENT)	GOVERNMENT SHARE (PERCENT)
Chaves	6,238	208,420	3.4	12.2	4.5	6.5	12.1	14.1	18.6
Curry	6,767	208,013	3.4	9.8	0.2	4.6	5.8	10.7	37.9
De Baca	5,708	10,100	0.2	42.0	(D) ²	6.7	1.5	7.4	18.8
Harding	5,529	4,655	0.1	22.6	(D)	2.2	21.0	28.4	31.7
Quay	6,224	46,458	0.8	21.9	0.7	8.6	3.0	9.9	22.2
Roosevelt	6,107	67,935	1.1	32.5	1.4	2.8	3.7	6.6	31.6
Union	8,010	30,275	0.5	51.0	(D)	7.7	1.4	6.3	14.7
Texas ROI	5,443	575,856	9.3	17.1	1.9	5.6	7.4	11.1	27.3
Total State	6,599	5,166,041	100.0	6.8	8.8	8.4	7.0	16.4	26.8
United States	7,810	1,318,750,000		4.4	1.6	6.1	26.2	16.8	16

¹Estimated.

²(D) = not shown to avoid disclosure of confidential information.

Source: BEA, July 1980.

3801-1

DESCRIPTION OF OTHER PROJECTS

The effects of future projects will depend both on their geographic location within the region and their magnitude. To assess project impacts, it is necessary to simulate the future baseline environment. Also, since much of the project effects are driven by labor in-migration, future baseline employment levels must be detailed.

Table 1.1-9 presents baseline employment forecasts, by place of residence, for counties comprising the Texas/New Mexico ROI. These projections, an extrapolation of employment growth trends over the 1967-1977 period, indicate modest growth in regional employment through 1994. Over the 1982-1994 period, regional employment is forecast to increase by 38,590 jobs, an employment level of 343,450 in 1994.

Over this period, Texas' share of the total is forecast to increase slightly, from 83.9 percent of total ROI employment in 1982 to 84.7 percent by 1994. This represents an overall average annual growth of 1.0 percent, with little cyclical fluctuation in employment on a year-to-year basis. The table indicates that not all counties are projected to grow; Lamb, De Baca, Harding, and Quay counties are all forecast to experience minor employment loss. On the other hand, the counties of Lubbock and Potter/Randall, which already comprise relatively well developed economies, are forecast for above-average growth.

Trend growth includes the assimilation of some industrial expansion; however, sizeable energy projects, for example, would require adjusting employment growth forecasts. Numerous energy-related projects are slated for the region during the forecast period. However, virtually all have been found to be of a sufficiently small magnitude or short duration such that they would not be expected to alter trend-growth data presented in Table 1.1-9.

The following discussion details the more important future projects in the region. It sets out project employment requirements and compares them to projected available labor; then, where necessary, it estimates projected labor in-migration.

Labor in-migration is a key variable in assessing project effects, since it drives population in-migration, which in turn affects local housing markets as well as supplies of community goods and services such as health care facilities, police and fire protection services, parks, and other recreational facilities.

Tolk 1 and Tolk 2 Power Plants

The Southwestern Public Service Company is planning and building two large coal-fired electrical generating units in Lamb County, Texas. Each would have the capacity to produce 543 MW of electricity, with a capital cost of \$220 million for each plant.

Construction of Tolk 1 is underway, and the unit should be on-line in mid-1982. Construction of Tolk 1 will require a peak of 650 workers in the spring of 1981. Construction of Tolk 2 will begin in 1982 and be completed in 1985. The Tolk 2 plant also will require a peak of 650 construction workers, with this peak occurring in the spring of 1984.

Table 1.1-9.

Employment by place of residence, including military Texas-New Mexico region of influence, 1982-1994 (Page 1 of 2)													
COUNTY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BAILLEY BASELINE	3423	3412	3440	3432	3454	3463	3473	3581	3489	3493	3493	3473	3493
CABRO BASELINE	4104	4119	4135	4154	4181	4212	4244	4275	4306	4344	4382	4422	4461
COCHRAN BASELINE	2092	2092	2092	2092	2092	2092	2092	2092	2092	2104	2120	2137	2153
DALLAM BASELINE	2234	2260	2286	2316	2339	2363	2391	2417	2446	2482	2521	2560	2600
DEAF SMITH BASELINE	8126	8183	8240	8301	8387	8476	8566	8655	8749	8851	8957	9062	9168
EMLE BASELINE	12945	16113	16204	16456	16628	16799	16973	17155	17331	17533	17755	18001	18231
HARTLEY BASELINE	1157	1182	1207	1233	1258	1283	1309	1334	1359	1385	1410	1435	1461
JOHNSON BASELINE	9120	9170	9220	9271	9313	9355	9397	9439	9485	9532	9598	9657	9716
LANE BASELINE	7127	7127	7127	7127	7115	7106	7090	7090	7082	7086	7086	7086	7086
LURBUCK BASELINE	100427	101859	103313	104781	105976	107185	108407	109642	110892	112150	113422	114708	116008
MOORE BASELINE	6687	6711	6738	6770	6802	6839	6873	6912	6949	6974	7040	7086	7132
OLDHAM BASELINE	848	855	861	867	879	892	904	917	932	948	966	983	1004
PARKER BASELINE	4223	4223	4223	4223	4227	4235	4244	4252	4264	4293	4326	4358	4371
POTTER/RANDALL BASELINE	84373	85407	86161	87335	88348	89371	90613	91679	92763	93847	94992	96137	97302
TERRELL BASELINE	1472	1480	1480	1475	1503	1511	1510	1526	1558	1549	1565	1580	1593

Table 1.1-9.

Employment by place of residence, including military, Texas/New Mexico Region of Influence, 1982-1994 (Pg. 2 of 2).													
BRISBANE BASELINE	4344	4361	4378	4400	4430	4464	4478	4533	4567	4617	4670	4722	4774
CHEVYER BASELINE	19502	19813	20126	20441	20749	21044	21343	21646	21952	22226	22500	22771	23030
CURRY BASELINE	14572	14619	14665	14712	14719	14723	14732	14737	14748	14719	14692	14663	14637
DE BACA BASELINE	983	983	983	983	974	966	959	951	947	947	947	947	947
WARDING BASELINE	323	313	303	298	284	274	264	254	244	234	224	214	204
QUAY BASELINE	4796	4803	4813	4822	4813	4803	4776	4789	4783	4762	4743	4728	4711
ROOSEVELT BASELINE	6463	6488	6511	6539	6566	6597	6628	6659	6694	6722	6753	6784	6815
UNION BASELINE	2119	2110	2101	2097	2101	2110	2119	2127	2141	2141	2141	2141	2141
<hr/>													
TEXAS 17-COUNTY TOTAL BASELINE	255898	258774	261673	264673	267334	270030	272806	275599	278444	281457	284524	287629	290775
N.M. 7-COUNTY TOTAL BASELINE	48942	49337	49714	50114	50496	50721	51041	51364	51709	51941	52182	52426	52673
DEPLOYMENT REGION TOTAL BASELINE	304840	308109	311407	314787	317740	320771	323847	326963	330153	333378	336706	340055	343448
<hr/>													
SOURCE: HDM SCIENCES, 17-OCT-80													

The build-up of operations personnel for Tolk 1 began in October 1980, and will reach a steady state of 100 to 120 persons by late 1981. Some operations personnel for Tolk 2 will start work in the fall of 1983, and will reach 30 by 1985. The total operating staff for both plants combined, therefore, is expected to be 130-150 people.

According to the manager of plant construction, few of the construction workers currently employed on Tolk 1 have their families near the site. Instead, most commute from their homes in Amarillo, Lubbock, Clovis, and elsewhere in the region. This pattern is likely to continue for construction of Tolk 2. Operations personnel probably would relocate to communities nearer the site, though the number of such persons is quite small.

Of the peak employment of 650 jobs, this analysis assumes that 100 would be filled by persons in Lamb County. If each of these direct jobs induces 0.5 indirect jobs in the county, the total employment impact in Lamb County would be 150 workers. The rest of the project's employment effects would be dispersed so widely over the region that no significant impacts in any single area are anticipated.

The Texas State Water Board's projected population of Lamb County during the 1980-1985 period is a constant 17,400 persons. Assuming a continuation of 1975-78 behavior for labor force participation and unemployment (an average participation rate of 42.8 percent and unemployment of 4.3 percent), projected employment (using the labor force concept) in the county would total 7,100 persons. Peak project employment of 150 persons represents 2 percent of this baseline projection. Most of the jobs created by the power plants could be filled by current residents of Lamb County projected to be unemployed, though some in-migration is likely because of possible mismatches between the occupational demands of the project and the skills of local-area residents.

To account for these small levels of project-induced in-migration, the "high growth" baseline for Lamb County is assumed to be 17,500 through 1995, compared to 17,300-17,400 projected under the trend growth baseline.

Interstate 27

The Texas Department of Highways and Public Transportation is planning major improvements to Interstate 27 over a 115-mi stretch from Amarillo to Lubbock. The project is broken into two sub-projects with the 24-mi section north of Swisher County managed from the Amarillo office and the remaining 91-mi portion managed from the Lubbock office. Both sections now are under construction, with approximately 100 workers employed on the Amarillo portion and 200 workers on the Lubbock section. This work force of 300 persons is expected to continue activities through 1986, with a decline in project employment thereafter, and completion anticipated in 1988-89. No significant numbers of operations personnel are associated with the project.

These project labor demands are extremely small compared to the size of the labor force in the Amarillo and Lubbock SMSAs. No adjustments are made to the baseline projections to account for this project.

Amoco CO₂ Pipeline

The Amoco pipeline project is designed to bring CO₂ from wells in Colorado to the Texas/New Mexico area. It would traverse Union, Harding, Quay, Curry, and Roosevelt counties in the M-X deployment region. The CO₂ delivered by the pipeline would be used for tertiary recovery of crude oil, a process that has been tested on an experimental basis but not yet applied commercially. The Amoco project bears a capital cost of approximately \$300 million.

Construction of the pipeline is expected to require approximately 6 months, and probably would start in the last quarter of 1983. The project would require two crews of 300 workers each, laying 15,000 feet of pipe daily for seven months to complete the planned 400-mi pipeline. The project's employment requirements consequently consist of about 600 workers during late 1983 and early 1984.

Assuming an employment multiplier of 1.75 for the five-county region through which the pipeline would be built, the project's 600 direct jobs would generate an additional 450 indirect jobs, for a total employment impact within the five-county area of 1,050 jobs.

Baseline population projections from the University of New Mexico's Bureau of Business and Economic Research indicate a population for the five-county area of 78,000 during this period. Projecting the region's 1975-78 average labor force participation rate of 39 percent and unemployment rate of 5 percent, baseline employment (labor force concept) in the five-county area would be about 29,000 persons in 1984. Project-related employment of 1,050 jobs represents 3.6 percent of this baseline projection.

Since much of the project is located within long commuting distance to Amarillo and Lubbock, many of the project's employees would reside in these metropolitan areas. If half of the 600 direct employees do so, a total of 750 jobs would be filled by residents of the five-county area. Assuming that 250 of these jobs are filled by area workers who otherwise would be unemployed, the remaining 500 jobs would be filled by in-migrants to the area. If the ratio of population to employment for these in-migrating workers is 2.3 (the U.S. average for 1979), the population of the five-county area would increase by 1,150 persons during 1983-84. This represents 1.5 percent of the area's baseline population. The population of each of the five counties traversed by the pipeline therefore is assumed to increase by 1.5 percent above the baseline projection during 1983 and 1984.

Shell-Mobile CO₂ Pipeline

Shell and Mobile plan to construct a pipeline to transport CO₂ across New Mexico in a northwest-southeast direction. A total of 10 New Mexico counties would be traversed by the pipeline. Within the region of influence of the M-X system, however, only Chaves and De Baca counties would contain portions of the pipeline.

The pipeline would require 1,300-1,400 workers during the peak construction-phase from April 1982 to June 1983. These workers would be spread over the ten-county area traversed by the pipeline. It is reasonable to assume that one crew of 300 persons would be employed in Chaves and De Baca counties during 1982-83. If half of the crew lives in these counties, and if the ratio of total project-related employment to direct employment is 1.3, the project would generate about 200 jobs

in Chaves and De Baca counties. Projecting the 1975-78 average labor force participation rates and unemployment rates for these counties implies a level of employment in Chaves County of 19,800 and in De Baca County of 1,000 in 1982-83. Pipeline-related employment would represent 1 percent of this two-county total.

Since the projected unemployment rate in Chaves County is 6 percent, many of the pipeline-related jobs could be filled by area workers who otherwise would be unemployed. The small number of remaining jobs generated by the project would be within the normal employment growth projected for Chaves County under baseline conditions. As a consequence, no alterations are made to the baseline projections to account for this project.

Arco CO₂ Pipeline

Arco plans to build a pipeline to transport CO₂ across the potential M-X deployment region from north to south through Union, Quay, Curry, and Roosevelt counties. The cost of the pipeline is approximately \$200 million, with a peak construction-personnel requirement of about 600 workers. The peak of construction activity would occur between the fall of 1982 and the fall of 1983.

The economic and demographic impacts of the pipeline would be very similar to those of the Amoco pipeline project discussed previously. The labor and materials demands of the two projects are similar, and both projects are located in the same area. Peak activity on the Arco pipeline is scheduled approximately a year earlier than that on the Amoco project. The baseline populations of the four affected counties consequently are increased by 1.5 percent in 1982-83 to account for the impacts of the Arco pipeline. For the four counties traversed by both pipelines, the projected 1983 population under high-growth conditions reflects the combined impacts of the two projects.

San Marco Coal Slurry Pipeline

The San Marco Pipeline Company plans to build a 900-mi coal slurry pipeline, 80 mi of which would cross Union County in the northeastern corner of New Mexico. At the peak of construction activity from fall 1984 through spring 1985, approximately 600 workers would be employed in building the pipeline.

If half of the projects direct employees reside in Union County, and assuming the project has an employment multiplier within the county of 1.25, total employment created in Union County as a result of the project is 375 jobs. Projecting into the future, the 1975-78 average labor force participation and unemployment rates of 45.6 and 4.2 percent, employment in Union County (labor force concept) would be approximately 2,100 persons. Project-related employment of 375 jobs represents 17.9 percent of this baseline projection.

Given the relatively low projected rate of unemployment, virtually all of the 375 workers would be in-migrants. If the average ratio of population to employment for these in-migrants is equal to the 1979 U.S. average of 2.3, the population impact of the project would be 860 persons. Since the peak of construction activity would be observed only during portions of 1984 and 1985, the annual average population impact would be somewhat less than 860 persons. Union County population is assumed to increase by 500 persons in 1984 and 750 persons in 1985 above trend-

growth conditions as a result of the San Marco pipeline. In 1984, these impacts are added to the smaller impacts of the Amoco pipeline.

Table 1.1-10 summarizes the adjustments made to the baseline projections of the University of New Mexico's Bureau of Business and Economic Research and the Texas State Water Board in order to account for the likely effects of major non-M-X projects.

PUBLIC FINANCE

Revenues and expenditures for the state of Texas are presented in Table 1.1-11 and Table 1.1-12. Total revenues amounted to \$9.4 billion in 1978-79 for an average annual rate of growth of 8.6 percent. The revenue structure of the state reflects a well-balanced framework with no single revenue source accounting for over 25 percent of the total. Sales tax revenues account for a large percentage share of total revenues (23.2 percent) and have grown at an annual average rate of 8.0 percent, slightly less than the 8.6 percent registered by total revenues. Of note is that interest income (interest earned on bank deposits) contributes approximately \$816.4 million to the states revenue stream which is the third largest single revenue source behind sales tax revenues and revenues received from the federal government.

Expenditures for the state of Texas amounted to approximately \$8.6 billion in 1978-79 for a rate of growth of 9.3 percent from 1977-78 to 1978-79. Much of this increase is due to education expenditures which account for over one-half of total state expenditures. Social service outlays (health, safety, and welfare expenditures) account for the second largest expenditure category, approximately \$2.2 billion or 25.5 percent of total expenditures. Along with education outlays, these two expenditure functions account for over three-quarters of the states total expenditures in 1977-78.

New Mexico

Revenues and expenditures for the state of New Mexico are presented in Tables 1.1-13 and 1.1-14. Much like Texas, revenues accruing to the state of New Mexico reflect a well-balanced structure. Principal sources of revenue are sales and gross receipt taxes and intergovernmental revenue, accounting respectively for 27.8 percent and 25.0 percent of total revenues. Intergovernmental transfers come principally from the federal government, though some local sources also contribute to this revenue source. Total revenues grew at a rate of 8.4 percent from 1975-76 to 1976-77. Sales and gross receipts tax increased at a slightly lower rate of 6.8 percent while intergovernmental revenues grew at a better than average 14.3 percent.

On the expenditure side, education service outlays account for the largest single expenditure category, 46.2 percent of total expenditures in 1976/77. Total expenditures grew at a rate of 6.1 percent between 1975/76 and 1976/77 with much of this increase paced by increases in education service outlays (12.2 percent growth rate) and public welfare expenditures (13.3 percent growth rate).

Table 1.1-10. Adjustments to baseline population projections to account for major non-M-X projects, Texas/New Mexico deployment region.

COUNTY AND PROJECT	1982	1983	1984	1985
Lamb County, TX				
Trend-growth Baseline	17,400	17,400	17,400	17,400
Impact of Tolk 1 and 2	100	100	100	100
High-growth Baseline	17,500	17,500	17,500	17,500
Curry County, NM				
Trend-growth Baseline	43,870	44,010	44,150	44,290
Impact of Amoco	---	660	660	---
Impact of Arco	660	660	---	---
High-growth Baseline	44,530	45,330	44,810	44,290
Harding County, NM				
Trend-growth Baseline	1,050	1,030	1,010	1,000
Impact of Amoco	---	15	15	---
High-growth Baseline	1,050	1,045	1,025	1,000
Quay County, NM				
Trend-growth Baseline	11,230	11,250	11,270	11,290
Impact of Amoco	---	170	170	---
Impact of Arco	170	170	---	---
High-growth Baseline	11,400	11,590	11,440	11,290
Roosevelt County, NM				
Trend-growth Baseline	16,610	16,670	16,730	16,800
Impact of Amoco	---	250	250	---
Impact of Arco	250	250	---	---
High-growth Baseline	16,860	17,170	16,980	16,800
Union County, NM				
Trend-growth Baseline	4,850	4,830	4,810	4,800
Impact of Armoco	---	70	70	---
Impact of Arco	70	70	---	---
Impact of San Marco	---	---	---	---
High-growth Baseline	4,920	4,970	5,380	5,350

3922

Sources: Trend-growth projections are from the Texas State Water Board and the University of New Mexico, Bureau of Business and Economic Research. Impact estimates and high-growth projections have been calculated by HDR Sciences, October 1980.

Note: Only in Lamb County, TX, do the changes shown persist through the entire projection period (through 1994). For the other counties shown no adjustments are made to the trend-growth baseline from 1986 through 1994.

Table 1.1-11. Summary of revenues, all funds,
State of Texas, 1976-1979.

REVENUE SOURCE	1977-78	1978-79
Taxes		
Sales Tax	\$1,012.7	\$1,174.9
Natural Gas Production Tax	510.8	554.4
Motor Fuel Taxes	477.7	489.5
Oil Production and Regulation Taxes	437.2	466.7
Motor Vehicle Sales Tax	401.1	433.3
Cigarette and Tobacco Taxes	300.3	309.8
Corporate Franchise Tax	264.9	293.8
Alcoholic Beverage Tax	172.6	191.7
Insurance Occupation Tax	147.4	166.5
Utility Taxes	93.0	103.7
Inheritance Taxes	79.1	73.7
Telephone Tax	44.8	52.4
Al valorem Tax	44.6	49.2
Other Tax	37.0	41.7
Sub-total	\$5,041.2	\$5,400.7
Federal Funds	\$2,037.7	\$2,284.9
Interest Income	665.1	816.4
License and Fees	405.6	395.2
Land Income	405.2	380.1
Other Revenue Sources	81.1	102.9
Total Revenues	\$8,634.8	\$9,380.1

1529

Source: 1979 Annual Financial Report, State of Texas,
Comptroller of Public Accounts, 1979.

Table 1.1-12. Summary of expenditures, all funds,
State of Texas, 1977-1979 (millions
of dollars).

SOURCE	1977-1978	1978-1979
Administrative	\$ 227.5	\$ 241.5
Services		
Welfare	1,336.0	1,509.2
Mental health and corrections	430.0	454.6
Health and sanitation	136.2	137.7
Law enforcement	86.5	90.4
Sub-total	1,988.7	2,191.9
Improvements		
Highway maintenance and construction	922.4	1,020.0
Natural resources	81.4	86.3
Parks and monuments	45.8	48.4
Sub-total	1,049.6	1,154.7
Education	4,004.0	4,327.5
Other		
Grants to political subdivisions	263.6	293.3
Debt service	151.3	105.0
Miscellaneous	190.6	297.0
Sub-total	605.5	695.3
Total Net Expenditures	\$7,875.3	\$8,610.9

2005

Source: 1979 Annual Financial Report, State of Texas,
Comptroller of Public Accounts, 1979.

Table 1.1-13. Summary of revenues, State of New Mexico, selected years (\$ thousands).

REVENUE SOURCE	1975-76	1976-77
Taxes		
Income Taxes	\$ 58,191	\$ 26,639
Sales and Gross Receipts Taxes	351,976	376,073
Other	164,904	194,892
Subtotal	\$ 575,071	\$ 597,604
Intergovernmental Revenue		
Federal	\$ 280,036	\$ 325,960
Local	15,424	11,765
Subtotal	\$ 295,460	\$ 337,725
Charges for Services	77,251	87,914
Insurance Trust Revenue	125,709	133,980
Miscellaneous	171,215	192,083
Total Revenues	\$1,244,706	\$1,349,306

1521

Source: New Mexico Statistical Abstract, 1979-80. Bureau of Business and Economic Research, University of New Mexico

Table 1.1-14. Summary of expenditures, State of New Mexico, selected years (thousands of dollars).

EXPENDITURE CATEGORY	1975-76	1976-77
General Administration	\$ 115,654	\$ 121,087
Education		
Higher Education	145,888	186,515
Intergovernmental	271,922	308,628
Local Schools	3,311	3,982
Other	25,603	25,875
Subtotal	467,911	525,000
Health Services	19,811	24,176
Highways	147,669	125,531
Hospitals	48,770	51,927
Public Welfare	94,335	106,846
Natural Resources	34,326	40,016
Miscellaneous	142,875	142,460
Total Expenditures	\$1,071,351	\$1,137,043

1524

Source: New Mexico Statistical Abstract, 1979-80.
Bureau of Business and Economic Research,
New Mexico.

1.2 POPULATION

Both Texas and New Mexico have been experiencing population growth since 1970 as a result of in-migration from other states. In Texas, most of the newcomers settled in the large metropolitan areas, a reverse of trend encountered in large cities in other states. In New Mexico, most in-migrants have been settling in small cities and rural areas. In-migration into both states is expected to continue, yielding a projected population growth figure for Texas of 18,270,700 by the year 2000 and for New Mexico it is 1,397,200 persons by 1990. The 1980 population estimate for Texas is 13,393,100 and for New Mexico, 1,143,800.

Population growth in both states has been the result of natural increase as well as in-migration. In New Mexico, natural increase has been progressing at a higher rate than in Texas. Favorable employment conditions in both states have helped attract new residents as has living in the Sun Belt. In the case of both states, in-migrants have increased the proportion of younger people in the total population.

Texas

Texas is the third most populous state in the Union. With a 1977 population of approximately 13 million, its size is exceeded only by California and New York. Between 1970 and 1977, the state's population increased at an average annual rate of 1.4 percent a year, well above the national average of 0.9 percent a year. However, Texas' population growth was exceeded by eleven other states, as Table 1.2-1 indicates. The state's projected population is expected to increase from 13.4 million in 1980 to just over 18 million in 2000 (Bureau of Business Research, University of Texas, 1980).

In the 1960s, Texas population growth rates were not large but were above the national average and accelerated slightly in the 1970s. Table 1.2-2 indicates that between 1970 and 1975, the annual population growth rate for the state averaged 1.8 percent. The increase in Texas was in keeping with the trend occurring in the South and Southwest and was the result more of in-migration than natural increases. However, while large metropolitan areas throughout the nation were experiencing declines through out-migration, large Texas cities continued to grow, and at faster rates than small towns and rural areas. Nationwide, annual growth rates in metropolitan areas slowed from 1.6 percent over the 1960 to 1970 period to 0.8 percent between 1970 and 1975 and increased in nonmetropolitan areas from 0.4 percent to 1.2 percent during the same periods. On the other hand, Texas metropolitan areas maintained a steady average annual growth rate of 2.1 percent from 1960 to 1975 while nonmetropolitan areas showed annual growth rates of -0.2 percent to 0.8 percent in the 1960 to 1970 and 1970 to 1975 periods, respectively (Table 1.2-3). This is likely due to the fact that Texas has had a smaller share of large metropolitan areas that were most affected by the national trend and because the large increase in net migration in the 1970s dampened the decline in metropolitan growth rates as most new arrivals settled in cities.

Since 1950, Texas has had steady growth of population, interspersed by three periods of decline. During the 1950s, net migration averaged 9,700 people annually. It increased to 18,000 a year in the 1960s, then rose sharply to 100,400 per year in the 1970s, as Table 1.2-4 indicates. The beginning of the sharp increase occurred in 1967 and peaked in 1975. The three periods of decline (1953-1954, 1957-1958, 1970-1971) occurred during national recessions and, presumably, families with real or anticipated employment problems did not readily migrate. There was also a

Table 1.2-1. Population growth for selected states,
1970, 1977.

RANK	STATE	1977 (000s)	1970 (000s)	AVERAGE ANNUAL GROWTH 1970-1977 (PERCENT)
1	Alaska	407	303	4.3
2	Arizona	2,296	775	3.7
3	Nevada	633	489	3.8
4	Florida	8,452	6,791	3.2
5	Wyoming	406	332	2.9
6	Idaho	857	713	2.7
7	Utah	1,268	1,059	2.6
8	Colorado	2,619	2,210	2.5
9	New Mexico	1,190	1,017	2.3
10	Hawaii	895	770	2.2
11	New Hampshire	849	738	2.0
12	Texas	12,332	11,199	2.0
	United States	216,332	203,305	0.9

1526-1

Source: Rita J. Wright and Mildred C. Anderson
Texas Fact Book, 1980. Bureau of Business
 Research, University of Texas, 1980, p. 108.

Table 1.2-2. Population growth in the United States and Texas 1960-1975¹ (percent).

AREA	POPULATION		NATURAL INCREASE		NET MIGRATION	
	1960-1970	1970-1975	1960-1970	1970-1975	1960-1970	1970-1975
U.S.	1.3	0.9	1.1	0.7	0.2	0.2
Texas	1.6	1.8	1.4	1.1	0.2	0.7

1527-1

¹Figures are expressed as average annual percent growth rates.

Source: John A. Burghardt, Major Trends in Population Growth in Texas. Research Report 1978-3, Bureau of Business Research, University of Texas, November 1978, p. 5.

Table 1.2-3. Growth rates for metropolitan and non-metropolitan areas in the United States and Texas, 1960-1975.

REGION	METROPOLITAN AREAS ANNUAL AVERAGE GROWTH RATES (Percentage)		NONMETROPOLITAN AREAS ANNUAL AVERAGE GROWTH RATES (Percentage)	
	1960-1970	1970-1975	1960-1970	1970-1975
United States	1.6	0.8	0.4	1.2
Texas	2.1	2.1	-0.2	0.8

1528

NOTE: For Texas the category "metropolitan area" includes all counties that belonged to standard metropolitan statistical areas as of January 1978. Certain of these counties did not belong to SMSAs in 1960 or 1970 or 1975. However, this procedure prevents change in a county's metropolitan status from causing a change in metropolitan population.

Source: John A. Burghardt, *Major Trends in Population Growth in Texas*. Research Report 1978-3, Bureau of Business Research, University of Texas, November 1978, p 9.

Table 1.2-4. Annual estimates of net migration into Texas, 1950-1977.

YEAR	MIDYEAR POPULATION (1000)	CHANGE IN POPULATION (1000)	NATURAL INCREASE (1000)	NET MIGRATION (1000)	NATURAL INCREASE RATE (Percent)	NET MIGRATION RATE (Percent)
1950	7,748	233	148	85	1.9	1.1
1951	8,140	300	158	142	1.9	1.7
1952	8,347	129	168	-39	2.0	-0.5
1953	8,399	51	175	-124	2.1	-1.5
1954	8,449	172	181	-9	2.1	-0.1
1955	8,742	228	181	47	2.1	0.5
1956	8,906	189	183	6	2.1	0.1
1957	9,120	204	183	21	2.0	0.2
1958	9,314	167	176	-9	1.9	-0.1
1959	9,453	155	178	-23	1.9	-0.2
1960	9,624	183	173	10	1.8	0.1
1961	9,820	215	171	44	1.7	0.5
1962	10,053	169	166	3	1.7	0.0
1963	10,159	109	155	-46	1.5	-0.5
1964	10,270	109	149	-40	1.5	-0.4
1965	10,378	111	129	-18	1.2	-0.2
1966	10,492	111	118	-7	1.1	-0.1
1967	10,599	163	118	45	1.1	0.4
1968	10,819	223	115	108	1.1	1.0
1969	10,045	208	127	81	1.2	0.7
1970	11,235	197	136	61	1.2	0.5
1971	11,438	208	134	74	1.2	0.7
1972	11,651	220	115	105	1.2	0.9
1973	11,878	215	108	107	1.2	0.9
1974	12,081	220	111	109	1.2	0.9
1975	12,318	259	117	142	1.2	1.2
1976	12,599	244	117	127	1.2	1.0
1977	12,806	207	129	78	1.2	0.6

1532

Source: Thomas R. Plant, *Net Migration into Texas and Its Regions: Trends and Patterns*. Research Report 1979-1, Bureau of Business Research, University of Texas, September 1979, p. 17.

recession in 1974-1975 but this is the time when migration reached its peak; economic conditions were better in Texas than they were nationwide.

Natural increase in Texas peaked at about 182,000 during 1954-1957, then declined steadily to 115,000 in 1968. A comparison between net migration and natural increase shows a relationship between high periods of in-migration followed by small increases in the natural birth rate as seen during 1967-1969 and 1974-1976. It is likely that heavy in-migration of fairly young people prevented the natural increase from further decline.

The pattern of Texas in-migration has shown three major shifts. During the 1950s, net migration was high in West Texas, which comprises large metropolitan areas and the coastal area next to Louisiana. Moderate to substantial out-migration was characteristic of the rest of the state. Migration into the large cities continued into the 1960s while movement into West Texas declined considerably. In the 1970s, migration increased into all parts of Texas with movement into large cities declining, but still keeping ahead of rural increases.

New Mexico

In the past two decades, New Mexico's population trend has been reversed. During the 1960s, net out-migration reduced the state's growth to less than an average annual growth rate of one per cent a year, but during the 1970s, population growth more than doubled, and was due to net in-migration and the highest birth rate of any state in the West. Between 1975 and 1990, the state's population is expected to increase by almost 400,000 persons. Table 1.2-5 details components of population forecasts prepared by the Bureau of Business and Economic Research, University of New Mexico. They project slightly more growth, 136,500 persons, over the 1980-1985 period and in all periods most of the growth will be derived from natural increases. The highest rate of increase is in and around Albuquerque, the state's largest metropolitan area.

Since 1970, the state's annual population growth has more than doubled over the preceding decade. An analysis of national migration patterns during the past two decades shows that during the 1960s, most of the people moving to the west were attracted to the major metropolitan areas and especially to California. In-migration to these cities was twice as high as was the move to smaller metropolitan areas. While this movement resulted in large population gains for some states--especially California--in New Mexico, in-migration to Albuquerque counter-balanced the out-migration from rural areas and resulted in the modest annual population growth of less than one percent identified above.

During the 1970s, migration to the West continued but with different settlement preferences. Migration to the West is no longer dominated as much as it was by California. Further, large metropolitan areas in the West reported out-migrations. At the same time, migration to smaller metropolitan counties and less populous states, like New Mexico, increased. A number of attempts have been made to determine why New Mexico's population growth changed in the 1970s but these studies only concluded that the underlying causes cannot be specifically determined. Even migration motivated by economic reasons was rejected because smaller metropolitan and rural areas, as a rule, have had fewer employment opportunities and lower per capita incomes than metropolitan areas. In the case of New Mexico,

Table 1.2-5. Population projections and components of change, New Mexico.

PROJECTIONS	INTERVAL		
	1975-1980	1980-1985	1985-1990
Beginning Population	1,143,800	1,26,600	1,403,100
End Population	1,266,600	1,403,100	1,539,000
Population Change			
Number	122,800	136,500	135,900
Average Annual Growth (Percent)	2.1	2.1	1.9
Components of Change			
Natural Increase	66,900	80,700	80,000
Births	144,200	134,800	140,900
Deaths	47,300	54,100	60,900
Net Migration	5,900	5,900	5,900

1530-1

Source: Lynn Wombold, Population Estimates and Projections; 1970-2000, Counties and Wastewater Facility Planning Areas, Bureau of Business and Economic Research, University of New Mexico, September 1979, p. 25.

it is presumed that the factors attracting migrants are the sunbelt climate and the disadvantages of low wages being offset by a lower cost of living (Bureau of Business and Economic Research, University of New Mexico, September 1979). In 1978, per capita income in the Southwest was the second lowest in the United States.

The age distribution of the present and projected population shows that only the age interval of 15 to 24 years is expected to decline, while all other age groups will increase, as indicated in Table 1.2-6. Highest growth rates are projected for the age class 30 to 44 and the lowest are ages 10 to 14 and 55 to 59. Through the 1990 forecast period, the proportion of males and females is expected to remain constant at 49 percent and 51 percent, respectively (Bureau of Business and Economic Research, University of New Mexico, April 1977).

Table 1.2-6. Population by age and sex, New Mexico.

AGE INTERVALS	1980			1985			1990		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Totals ¹	621,900	641,800	1,263,700	688,100	709,100	1,397,200	753,900	776,000	1,529,900
0-4 Years	55,400	53,700	109,100	65,600	63,500	129,100	68,600	66,300	134,900
5-9	48,900	47,700	96,600	55,900	54,300	110,200	66,100	64,100	130,200
10-14	56,900	54,900	111,800	52,200	51,000	103,200	59,200	57,600	116,800
15-19	65,600	64,800	130,400	59,000	57,000	116,000	54,400	53,100	107,500
20-24	68,000	63,800	131,800	70,400	66,300	136,700	63,900	58,500	122,400
25-29	55,800	57,800	113,600	67,600	66,800	134,400	70,000	69,300	139,300
30-34	51,100	51,300	102,400	61,100	61,900	123,000	72,800	70,900	143,700
35-39	39,200	41,200	80,400	53,900	53,900	107,800	63,700	64,400	128,100
40-44	30,800	34,400	65,200	39,100	42,100	81,200	53,500	54,700	108,200
45-49	29,200	31,100	60,300	31,000	34,700	65,700	39,100	42,200	81,300
50-54	27,600	29,700	57,300	28,700	31,000	59,700	30,400	34,500	64,900
55-59	25,900	28,000	53,900	26,700	29,300	56,000	27,800	30,600	58,400
60-64	21,200	23,400	44,600	24,300	27,400	51,700	25,000	28,700	53,700
65-69	17,300	20,400	37,700	19,100	22,700	41,800	21,800	26,500	48,300
70-74	13,700	16,700	30,400	14,600	18,800	33,400	16,100	21,000	37,100
75 Years	15,400	22,700	38,100	18,800	28,400	47,200	21,400	33,600	55,000

¹Detail may not sum to total due to rounding difference.

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Source: Lynn Wombold, *Estimates and Projections of the Population of New Mexico by County, 1975-1990*. Bureau of Business and Economic Research, University of New Mexico, April 1977, p. 15.

2.0 POTENTIAL IMPACTS ON THE TEXAS/NEW MEXICO REGIONAL ENVIRONMENT

Deployment of the M-X system in sparsely populated areas of the Texas/New Mexico will produce rapid, large-scale changes in the character of the human environment. Effective operation of the M-X system requires a deployment region containing relatively few human inhabitants. Yet construction and operation of the system will result in the introduction of large numbers of people into the rural, thinly settled deployment region. This rapid growth in population resulting from the large labor and materials demands of the project will cause significant changes in the economic and social structures of the rural deployment areas.

In some cases, M-X deployment would transform deployment-region communities from slow-growing communities of a few thousand population or smaller into active regional population centers of 20,000 persons or more. This would be the case for the communities adjacent to the M-X operating bases. Other areas would undergo "boom-bust" growth similar to that caused by energy developments throughout the western United States. The estimating techniques for calculating economic, social, and local government impacts of M-X deployment in Texas/New Mexico have been identified in the Nevada/Utah technical report, so will not be repeated here.

2.1 IMPACTS ON ECONOMIC ACTIVITY

Employment and Labor Force

Deployment of the M-X missile would provide direct employment for almost 30,000 persons during the peak of project activity. It also would generate demands for construction materials and other goods and services to support the construction and operation work-forces, which would then stimulate increased ancillary economic activity in the deployment region. Retail outlets, such as chain-type supermakets, and service industry growth, e.g., motels, hotels, and restaurants would increase in numbers as local suppliers respond to the increased economic activity.

Full Deployment

The direct economic effects of the M-X project originate at specific geographic locations. Construction camps and operating bases represent points of employment and earnings for construction, assembly and checkout, and operations personnel. The bases also serve as points of procurement demand for goods and services. Base locations for full deployment in Texas/New Mexico are presented in the DEIS Figure 2.2-3. It also indicates where DDA facilities, and construction camps would be sited.

The consequences of direct project-related economic activity are, however, distributed over a broad region in eastern New Mexico and northwestern Texas. The region of influence (ROI) includes the following counties (see previous Figure 1-1):

- o In Texas - Bailey, Castro, Cochran, Dallam, Deaf Smith, Hale, Hartley, Hockley, Lamb, Lubbock, Moore, Oldham, Parmer, Potter, Randall, Sherman, and Swisher; and
- o In New Mexico - Chaves, Curry, De Baca, Harding, Quay, Roosevelt, and Union.

Direct Employment

The economic impacts of M-X deployment would be spread over a larger area than the ROI, but effects within these counties would be the most critical. The most important effect is the project's requirement for labor. Table 2.1-1 presents direct labor requirements for full deployment in Texas/New Mexico. These direct labor requirements differ from those of the Proposed Action in Nevada/Utah in the timing, magnitude, and regional distribution of construction and assembly and checkout employment for DDA facilities. Total direct employment peaks at 29,800 persons in 1987, and remains above 25,000 over the period 1986-1988. Table 2.1-1 indicates that long-term direct employment would equal 13,200 employees by 1991, and would continue at this level over the life of the project.

Table 2.1-2 details construction employment estimates for the 15 camps located throughout the ROI. Employment would last at each camp about three to four years between 1983 and 1989. Locating the first operating base at Clovis, in Curry County, would directly create jobs for up to 2,400 construction workers, 2,900 assembly and checkout workers and 7,500 operations personnel (including military). The operating base would be fully operational by 1989, and of the total personnel required, about 6,400, or 85 percent, would be military. The second operating base near Dalhart, in Dallam and Hartley counties, would employ up to 2,000 construction workers and 5,700 operations personnel. Construction of the second base would begin in 1986, with the base fully operational by 1989.

Assembly and checkout personnel would be required at each of the 15 camps, as well as at the first operating base. Employment levels at each of these locations on a yearly basis are shown in Table 2.1-3. As in Nevada/Utah, slightly more than half of these workers would be employed on DDA facilities at the peak of activity.

Indirect and Total M-X-Related Employment

Indirect employment results from respending of payrolls earned by direct employees, as well as from local procurement of goods and services to support the project. Another source of indirect employment is project-related investment in highways, schools, public and private utility expansion, and construction of retail, commercial, and industrial buildings. This would be most important in communities nearest the operating bases, notably Clovis and Dalhart.

Table 2.1-4 presents annual estimates of direct, indirect, and total project-related employment for the entire ROI. The table indicates how rapid indirect employment rises, beginning at about 1,600 jobs in 1982, and peaking at 23,300 by 1987. The table indicates though, that as construction labor requirements decline, as project-related investments are completed, and as assembly and checkout labor needs are reduced, indirect employment would decline, stabilizing at about 4,900 jobs by 1992. These data are summarized graphically in Figure 2.1-3.

Total project-related employment for the Texas/New Mexico region as a whole is projected to peak at 53,000 jobs in 1988. Using population projections by the Texas State Water Board and the University of New Mexico's Bureau of Business and Economic Research, M-X-related employment would be about 17 percent of projected baseline employment of 321,000 jobs in that year. In a region projected to exhibit baseline employment growth of 1 percent annually over the period

Table 2.1-1. Total M-X system personnel requirements, full deployment, Texas/New Mexico, 1982-1991.

DESCRIPTION	PERSONNEL									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Construction										
DDA ¹		350	2,600	8,100	12,050	13,000	11,750	10,000		
First OB Complex ²	1,150	1,900	2,400	2,600	1,200					
Second OB Complex ³				200	1,350	2,050	1,400	77		
Subtotal	1,150	2,850	5,000	10,900	14,600	15,050	13,200	10,077		
Operations										
DDA										
First OB Complex ²		50	100	1,750	3,150	3,100	3,100	2,100		
Second OB Complex ³		350	900	1,800	2,850	2,800	2,800	2,075	50	
Subtotal		400	1,000	3,550	6,000	5,900	5,900	4,175	100	
Operations										
First OB Complex ²			1,250	2,500	3,750	5,000	6,250	7,500	7,500	7,500
Second OB Complex ³					1,400	2,800	4,200	5,700	6,500	6,700
Subtotal			1,250	2,500	5,150	7,800	10,450	13,200	14,000	14,200
Total	1,150	3,250	7,250	16,350	25,750	29,750	29,600	23,300	14,100	14,200

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DDA includes PS, ASC, DTN, CME, RSS, and CR.

First OB Complex includes OB, DAA, DBTS, and LPT-1011. The complexity of training the existing personnel at DDA is not included in this analysis.

Second OB Complex includes OB, LPT-1011, and CR.

14.5.2.1.2. Personnel required for construction of
 BPA facilities and operating bases, full
 deployment, Texas-New Mexico, 1982-1989.

Activity	ESTIMATED PERSONNEL						
	1982	1984	1985	1986	1987	1988	1989
Construction of BPA facilities			1,150	1,145	400		
Operating bases			1,500	1,400	350		
				450	1,450	850	
					1,100	2,300	400
			1,100	1,100			
			1,100	1,100			
				1,150	700		
				800	1,100	50	
				500	1,150	1,850	650
					500	1,350	800
			1,100	1,100	1,150		
				1,100	1,100	500	
				400	1,100	1,650	250
				500	400	1,250	50
					600	1,350	1,450
					1,100	11,750	1,600
						1,450	75
						1,100	4,150

Table 2.1-3. Personnel required for assembly and check-out of DDA facilities and operating bases, full deployment, Texas/New Mexico, 1982-1990.

CASE NUMBER	ASSEMBLY AND CHECKOUT							
	1982	1983	1984	1985	1986	1987	1988	1989
01			250	800	150			
02			350	400	300			
03				300	350	350	100	
04					150	300	600	
05	50	100	800	350				
06			250	300				
07				300	300			
08					400	250		
09					150	300	500	
10						200	500	
11			100	450	450	100		
12				250	400	450	100	
13					500	400	300	
14						250	250	
15						500	750	50
Subtotal	50	100	1,750	3,150	3,150	3,100	3,100	50
Base I	350	900	1,800	2,850	2,850	2,800	2,650	50
Base II								
Total	400	1,000	3,550	6,000	6,000	5,900	5,750	100

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See Figure 2.1-3.

Source: HDR Sciences, with approval of U.S. Air Force, Ballistic Missile Office.

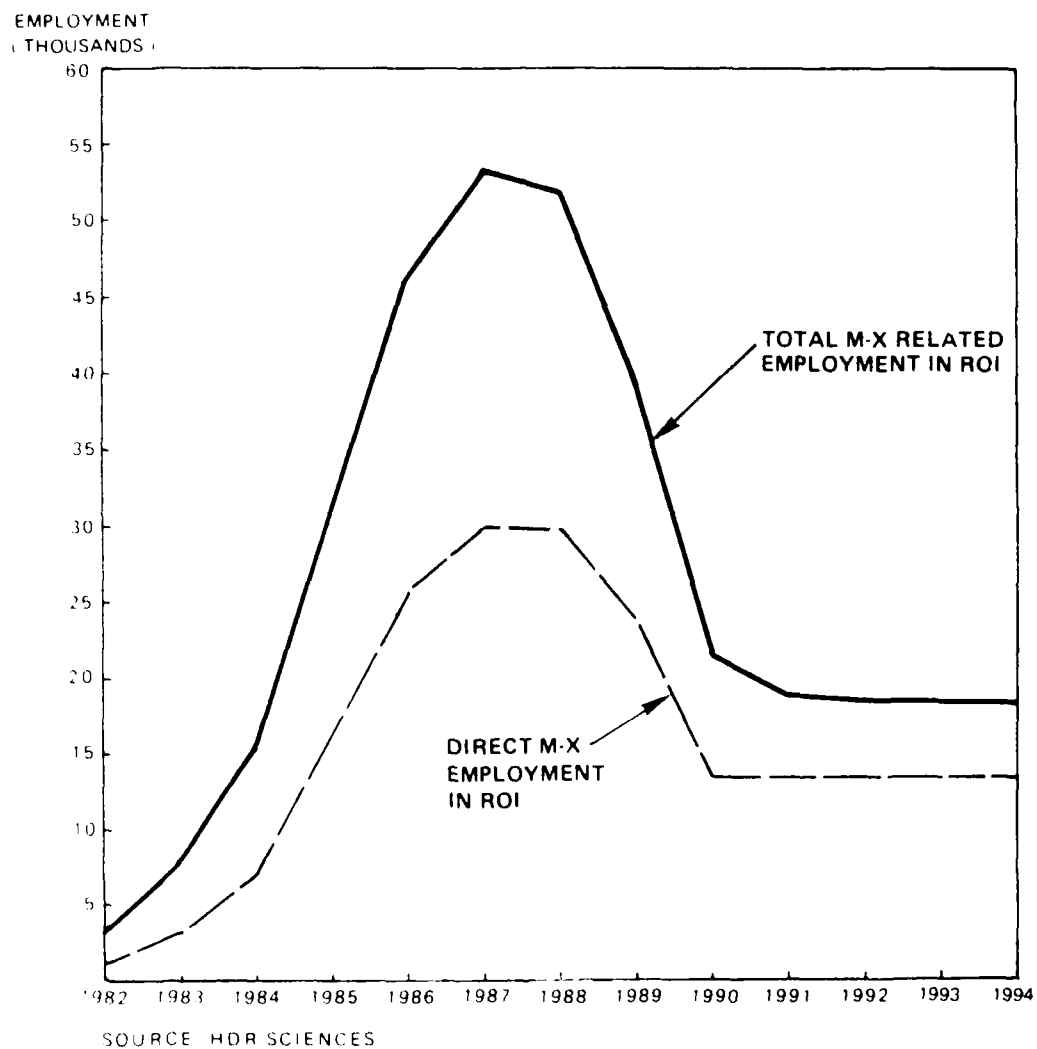
Table 2.1-1.

TYPE OF EMPLOYMENT	NUMBER OF JOBS													
	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
TECHNICAL FACILITIES														
CONSTRUCTION	0	930	2600	8100	12050	13900	11750	3600	0	0	0	0	0	0
ASSEMBLY + CONSTRUCT	0	50	130	1750	3150	7150	3100	3100	50	0	0	0	0	0
RACE														
CONSTRUCTION	1150	1900	2300	2200	2750	2050	1450	750	0	0	0	0	0	0
ASSEMBLY AND CHECKOUT	0	350	900	1000	2850	2050	2800	2650	50	0	0	0	0	0
OPERATIONS	0	0	100	200	400	600	850	1550	1550	1550	1550	1550	1550	1550
OFFICERS	0	0	950	1625	4000	4050	8050	10150	10150	10150	10150	10150	10150	10150
ENLISTED PERSONNEL	0	0	200	375	750	1150	1600	2000	2000	2000	2000	2000	2000	2000
CIVILIANS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIRECT	1150	3250	7200	16350	20750	20750	29600	23300	13300	17200	17200	17200	17200	17200
INDIRECT	1596	4218	7880	14448	20502	23283	32199	15688	7962	5271	4948	4974	4974	4974
TOTAL	2746	7468	15080	30798	41252	50033	51799	38988	21262	18471	18148	18174	18174	18174

SOURCE: MDR SCIENCES, 31-OCT-80

Table 2.1-5.

TOTAL CIVILIAN M-X RELATED EMPLOYMENT, AVAILABLE RESIDENT LABOR FORCE, AND NET CIVILIAN LABOR FORCE IMPACT BY PLACE OF RESIDENCE FOR DEPLOYMENT REGION													
ALTERNATIVE 7 FULL DEPLOYMENT - TEXAS/NEW MEXICO (L) BASE I AT CLOVIS, NM (CURRY CO.) BASE II AT DALHART, TX (HARTLEY CO.)													
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
TOTAL CIVILIAN M-X-RELATED EMPLOYMENT	2746	7468	14030	28674	41832	46384	42890	27786	10060	7270	6845	6731	6931
AVAILABLE RESIDENT LABOR FORCE	3290	3314	3348	3381	3411	3441	3472	3503	3536	3568	3598	3631	3663
NET CIVILIAN LABOR FORCE IMPACT	2153	6726	13098	27622	40957	45744	41775	26199	9199	7381	7209	7194	7187
SOURCE: MOR SCIENCES, 31-OCT-80													



3285-A

Figure 2.1-3. Direct and total M-X-related employment with full deployment in Texas/New Mexico.

1982-1994, M-X impacts at the regional level represent a sizable perturbation. Unemployment rates would decline, some labor skills -- such as construction trades -- would be in very short supply, and some wage escalation would be expected, particularly in peak employment years. Adjustment problems would be exacerbated by the region's historic orientation toward agriculture, making it less able to accommodate direct personnel consumption demands and local military procurement needs. Long-run employment impacts for the ROI would stabilize after 1991 at about 18,100 jobs, roughly 5 percent of the region's baseline employment forecast. Although a number of non-M-X projects are possible in the region over the same period, none is considered large enough to significantly alter the employment impacts of M-X.

Long run effects would be significant, inducing economic growth principally in base support industries, and reducing the region's traditional reliance on agriculture.

Regional Labor Force Impacts

Increased pay levels and enhanced employment opportunities would reduce unemployment and increase labor force participation. In response to improved employment opportunities, the region would experience labor in-migration to fill jobs indirectly related to the project, for base assembly and checkout, and to supply military and civilian personnel requirements of operating bases. Table 2.1-5 indicates the amount of in-migration which is projected; the third row of figures, termed "net civilian labor force impact," represents the cumulative number of new civilian workers expected to migrate into the region as a result of M-X deployment. Peak cumulative civilian in-migration could reach as high as 45,700 persons, almost 14 percent of the baseline forecast of total civilian labor force of 334,000 persons in 1987. As the employment peak passes, unemployment and labor force participation rates would be expected to return to normal or even slightly depressed levels, inducing out-migration, hence the net civilian labor force impact figures in Table 2.1-5, begin declining after 1987. Out-migration is still underway in 1994, but cumulative civilian labor force in-migration has nearly stabilized at about 7,200 persons, roughly 2 percent of the region's baseline civilian labor force.

County Level Effects

The direct employment effects for construction and assembly and checkout personnel employed on the project would originate at construction camps and bases throughout the ROI. The larger operating base near Clovis, in Curry County, New Mexico would induce direct impacts in this county, with significant spillovers of economic activity to Portales in Roosevelt County, and Roswell in Chaves County. The smaller operating base located southwest of Dalhart in Hartley County would directly impact this county as well as nearby Dallam and Moore counties and the Amarillo metropolitan area. Amarillo and Lubbock are major metropolitan areas within the ROI, and would experience measurable growth in employment as a result of M-X deployment.

At the peak of project activity during 1986-88, the employment effects of the M-X system would be dispersed widely over the ROI. In many counties, however, these impacts are expected to be small relative to baseline conditions without the project, as Table 2.1-6 indicates. It shows that of the 24 counties within the ROI, the following are projected to experience employment growth of less than 5 percent

Table 2.1-6. (Page 1 of 4)

EMPLOYMENT IMPACTS (BY PLACE OF RESIDENCE, INCLUDING MILITARY)

ALTERNATIVE 7. FULL DEPLOYMENT - TEXAS/NEW MEXICO (L)		BASE I AT CLOVIS, NM (COURRY CO.)														BASE II AT DALLAM, TX (HARTLEY CO.)													
COUNTRY		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994			1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BAILEY	BASELINE	3423	3432	3440	3452	3456	3465	3473	3481	3489	3493	3493	3493	3493			3423	3432	3440	3452	3456	3465	3473	3481	3489	3493	3493	3493	3493
	WITH M-X	3423	3437	3456	3857	4390	5055	4455	3639	3496	3493	3493	3493	3493			3423	3437	3456	3857	4390	5055	4455	3639	3496	3493	3493	3493	3493
	DIFFERENCE	0	5	16	405	934	1590	982	158	7	0	0	0	0			0	5	16	405	934	1590	982	158	7	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.1	0.5	11.7	27.0	45.9	28.3	4.5	0.2	0.0	0.0	0.0	0.0			0.0	0.1	0.5	11.7	27.0	45.9	28.3	4.5	0.2	0.0	0.0	0.0	0.0
CASTRO	BASELINE	4104	4119	4135	4154	4181	4212	4244	4275	4306	4344	4383	4423	4461			4104	4119	4135	4154	4181	4212	4244	4275	4306	4344	4383	4423	4461
	WITH M-X	4104	4121	4141	4189	4325	4416	4357	4323	4315	4345	4383	4423	4461			4104	4121	4141	4189	4325	4416	4357	4323	4315	4345	4383	4423	4461
	DIFFERENCE	0	2	6	35	144	201	113	48	9	1	0	0	0			0	2	6	35	144	201	113	48	9	1	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.1	0.8	3.4	4.8	2.7	1.1	0.2	0.0	0.0	0.0	0.0			0.0	0.0	0.1	0.8	3.4	4.8	2.7	1.1	0.2	0.0	0.0	0.0	0.0
COCHRAN	BASELINE	2092	2092	2092	2092	2092	2092	2092	2092	2092	2104	2120	2137	2153			2092	2092	2092	2092	2092	2104	2120	2137	2153	2169	2185	2201	2217
	WITH M-X	2092	2093	2098	2125	2149	2164	2141	2108	2094	2104	2120	2137	2153			2092	2093	2098	2125	2149	2164	2141	2108	2094	2104	2120	2137	2153
	DIFFERENCE	0	1	6	33	56	72	49	16	2	0	0	0	0			0	1	6	33	56	72	49	16	2	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.3	1.6	2.7	3.4	2.3	0.8	0.1	0.0	0.0	0.0	0.0			0.0	0.0	0.3	1.6	2.7	3.4	2.3	0.8	0.1	0.0	0.0	0.0	0.0
DALLAM	BASELINE	2234	2260	2286	2316	2339	2365	2391	2417	2446	2482	2521	2560	2600			2234	2260	2286	2316	2339	2365	2391	2417	2446	2482	2521	2560	2600
	WITH M-X	2234	2261	2318	2471	2774	3129	3569	4067	4634	5281	5996	6788	7668			2234	2261	2318	2471	2774	3129	3569	4067	4634	5281	5996	6788	7668
	DIFFERENCE	0	1	232	1155	2135	3160	3778	4500	5345	6169	6977	7788	8668			0	1	232	1155	2135	3160	3778	4500	5345	6169	6977	7788	8668
	PERCENT INCREASE OVER BASELINE	0.0	0.0	10.1	48.1	118.6	216.8	274.7	323.1	389.9	441.1	503.8	566.1	628.0			0.0	0.0	10.1	48.1	118.6	216.8	274.7	323.1	389.9	441.1	503.8	566.1	628.0
DEAF SMITH	BASELINE	8126	8183	8240	8301	8367	8426	8486	8536	8586	8636	8686	8736	8786			8126	8183	8240	8301	8367	8426	8486	8536	8586	8636	8686	8736	8786
	WITH M-X	8126	8192	8275	8488	8775	9142	9509	9876	10243	10610	10977	11344	11711			8126	8192	8275	8488	8775	9142	9509	9876	10243	10610	10977	11344	11711
	DIFFERENCE	0	9	35	187	388	586	784	982	1180	1378	1576	1774	1972			0	9	35	187	388	586	784	982	1180	1378	1576	1774	1972
	PERCENT INCREASE OVER BASELINE	0.0	0.1	0.4	2.3	4.6	7.0	9.3	11.6	13.9	16.2	18.5	20.8	23.1			0.0	0.1	0.4	2.3	4.6	7.0	9.3	11.6	13.9	16.2	18.5	20.8	23.1
DALE	BASELINE	15845	16113	16284	16456	16628	16799	16975	17155	17331	17503	17675	17847	18019			15845	16113	16284	16456	16628	16799	16975	17155	17331	17503	17675	17847	18019
	WITH M-X	15845	16123	16337	16855	17295	17453	17315	17252	17348	17534	17773	18001	18231			15845	16123	16337	16855	17295	17453	17315	17252	17348	17534	17773	18001	18231
	DIFFERENCE	0	10	53	399	667	654	340	97	17	1	0	0	0			0	10	53	399	667	654	340	97	17	1	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.1	0.3	2.4	4.0	3.9	2.0	0.6	0.1	0.0	0.0	0.0	0.0			0.0	0.1	0.3	2.4	4.0	3.9	2.0	0.6	0.1	0.0	0.0	0.0	0.0
HARTLEY	BASELINE	1157	1182	1207	1233	1258	1283	1309	1334	1359	1385	1410	1435	1461			1157	1182	1207	1233	1258	1283	1309	1334	1359	1385	1410	1435	1461
	WITH M-X	1157	1183	1412	2227	3003	3314	3645	4009	4386	4774	5173	5583	6003			1157	1183	1412	2227	3003	3314	3645	4009	4386	4774	5173	5583	6003
	DIFFERENCE	0	1	205	1476	1745	1701	1736	1745	1787	1889	1963	2048	2242			0	1	205	1476	1745	1701	1736	1745	1787	1889	1963	2048	2242
	PERCENT INCREASE OVER BASELINE	0.0	0.1	17.0	121.3	139.1	132.8	133.4	133.4	137.4	144.1	140.1	144.1	153.5			0.0	0.1	17.0	121.3	139.1	132.8	133.4	133.4	137.4	144.1	140.1	144.1	153.5

Table 2.1-6. (Page 2 of 4)

MCKLEY	BASELINE										9598	9637	9716
	WITH M-X										9598	9637	9716
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
LAMB	BASELINE										7086	7086	7086
	WITH M-X										7086	7086	7086
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
LUBBOCK	BASELINE										113423	114708	116008
	WITH M-X										113423	115218	116318
	DIFFERENCE										0	510	310
	PERCENT INCREASE OVER BASELINE										0.0	0.4	0.4
MAYNE	BASELINE										7040	7086	7132
	WITH M-X										7040	7086	7132
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
OK DHAM	BASELINE										966	983	1004
	WITH M-X										966	983	1004
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
PARMER	BASELINE										4326	4338	4391
	WITH M-X										4326	4338	4391
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
POTTER/RAVALL	BASELINE										94992	96137	97302
	WITH M-X										94992	96137	97302
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
SHERMAN	BASELINE										1563	1563	1593
	WITH M-X										1563	1563	1593
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0
SWISHER	BASELINE										4870	4922	4974
	WITH M-X										4870	4922	4974
	DIFFERENCE										0	0	0
	PERCENT INCREASE OVER BASELINE										0.0	0.0	0.0

Table 2.1-6. (Page 3 of 4)

CHAVES														
BASELINE	19502	19815	20136	20461	20749	21044	21343	21646	21952	22226	22500	22777	23058	
WITH M-1	19517	19722	20284	20834	21475	22379	21817	21987	22137	22372	22644	22921	23202	
DIFFERENCE	45	107	448	373	4068	1335	476	341	180	146	144	144	144	
PERCENT INCREASE	0.2	0.5	2.2	11.6	17.3	6.3	2.0	1.6	0.8	0.7	0.6	0.6	0.6	
OVER BASELINE														
CURRY														
BASELINE	14572	14619	14665	14713	14719	14725	14732	14739	14748	14719	14692	14665	14639	
WITH M-1	16889	19052	24027	27993	29600	28634	26925	28079	23999	23615	23578	23531	23525	
DIFFERENCE	2317	5233	9364	13281	14881	13909	14193	13340	9251	8896	8886	8886	8886	
PERCENT INCREASE	15.9	35.8	63.9	90.3	101.1	94.5	96.3	90.5	62.7	60.4	60.3	60.6	60.7	
OVER BASELINE														
DE BACA														
BASELINE	985	985	985	985	974	966	959	951	947	947	947	947	947	
WITH M-1	985	1001	1024	1042	1005	988	984	964	949	947	947	947	947	
DIFFERENCE	0	16	39	57	31	22	25	13	2	0	0	0	0	
PERCENT INCREASE	0.0	1.6	4.0	5.8	3.2	2.3	2.6	1.4	0.2	0.0	0.0	0.0	0.0	
OVER BASELINE														
HARDING														
BASELINE	523	513	503	498	484	474	464	454	444	424	404	384	364	
WITH M-1	523	513	503	498	484	474	464	454	444	424	404	384	364	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PERCENT INCREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
OVER BASELINE														
QUAY														
BASELINE	4796	4805	4813	4822	4813	4805	4796	4788	4783	4762	4745	4728	4711	
WITH M-1	4796	4805	4813	4822	4813	4805	4796	4788	4783	4762	4745	4728	4711	
DIFFERENCE	0	1052	2276	3001	703	265	171	62	9	0	0	0	0	
PERCENT INCREASE	0.0	21.9	47.3	62.2	16.3	5.5	3.6	1.3	0.2	0.0	0.0	0.0	0.0	
OVER BASELINE														
ROOSEVELT														
BASELINE	6465	6488	6511	6539	6566	6597	6628	6659	6694	6722	6753	6784	6813	
WITH M-1	6604	6807	7325	9130	9483	9764	10158	8482	7207	7149	7173	7204	7235	
DIFFERENCE	139	719	814	2611	2917	3167	3530	1823	513	427	420	420	420	
PERCENT INCREASE	2.2	4.7	12.5	39.9	44.4	48.0	53.3	27.4	7.7	6.4	6.2	6.2	6.2	
OVER BASELINE														
UNION														
BASELINE	2117	2110	2101	2097	2101	2110	2119	2127	2141	2141	2141	2141	2141	
WITH M-1	2119	2111	2104	2110	2141	2188	2210	2174	2150	2142	2141	2141	2141	
DIFFERENCE	0	1	1	13	40	78	91	47	9	1	0	0	0	
PERCENT INCREASE	0.0	0.0	0.1	0.6	1.9	3.7	4.3	2.2	0.4	0.0	0.0	0.0	0.0	
OVER BASELINE														

Table 2.1-4. (Continued)

TEAS 17 COUNTY TOTAL													
BASIS INF	25898	25874	26163	26473	26734	27030	27286	27539	27844	28157	28434	28729	290775
WTH M-F	256143	259314	263027	267921	281145	301372	303092	288845	289735	290459	293221	276312	299458
DIFFERENCE	245	140	2134	9248	21811	31322	32286	27246	11291	9002	8697	8687	BA87
PERCENT INCREASE	0.1	0.3	0.9	3.5	8.2	11.7	11.8	8.4	4.1	3.2	3.1	3.0	3.0
OVER BASELINE													
N M 17 COUNTY TOTAL													
BASIS INF	48862	49375	49714	50114	50406	50721	51041	51364	51709	51941	52182	52424	52675
WTH M-F	51463	56263	62660	71664	74047	72233	70345	67106	61680	61411	61632	61876	62125
DIFFERENCE	2501	6728	12946	21551	24441	21312	19304	15742	9071	7470	9450	9450	7450
PERCENT INCREASE	5.1	13.6	26.0	43.0	48.5	42.4	38.2	30.6	19.3	18.2	18.1	18.0	17.9
OVER BASELINE													
DEPLOYMENT REGION TOTAL													
BASIS INF	304860	308129	311407	314787	317740	320721	323847	326962	330153	333298	336264	340033	347430
WTH M-F	307606	315317	326487	345586	363282	373805	375637	365951	351415	351870	344053	338188	361583
DIFFERENCE	2746	1468	15086	30799	44558	53034	51770	38988	21262	18422	19147	18151	14135
PERCENT INCREASE	0.9	2.4	4.8	9.8	14.6	16.3	16.0	11.9	6.4	5.3	5.4	5.3	5.3
OVER BASELINE													

SOURCE: HDB SCIENCES, 31-OCT-80

of baseline employment and less than 500 jobs during project construction and operations phases:

- o In Texas - Castro, Cochran, Hale, Hockley, Lamb, Oldham, Sherman, and Swisher counties; and
- o In New Mexico - Union County.

A number of counties proposed as DDA locations, although likely to experience significant boom-type employment stimulus during construction, would not experience long-run growth. These include Bailey, Deaf Smith, Parmer, Chaves, De Baca, Harding, and Quay counties. Of this set, only Chaves County is forecast to have a baseline employment level above 10,000 jobs by 1990. The remaining counties, smaller in size, would have little preexisting economic base to support the rapid M-X-related growth. Boom-bust conditions would create significant economic dislocation in these counties.

Much of this M-X-related growth would be concentrated in Curry County, New Mexico, where the larger operating base would be located. M-X employment there is forecast to peak at 14,900 jobs in 1988, which would double in the county's projected baseline employment, as Table 2.1-6 indicates. Employment of this magnitude would induce cumulative in-migration of up to 11,400 civilian workers into the county in 1986 (see Table 2.1-7), almost 75 percent of Curry County baseline civilian labor force in this year. Following a rapid build-up, M-X-related employment is forecast to decline, then stabilize at 8,900 jobs after 1990. This long-run level is 60 percent of long-run forecast baseline employment. Civilian labor out-migration occurs after 1987 and runs until about 1991. Long-run cumulative civilian in-migration would equal about 3,100 persons, over 20 percent of the 1990 baseline civilian labor force.

Curry County is projected by the University of New Mexico, Bureau of Business and Economic Research, to be a "no-growth" county through 1995. Growth induced by M-X would radically change this forecast. Because Cannon Air Force Base already is located in the county, much of the infrastructure needed to serve a major defense installation already is in place. M-X-related growth would expand this existing service and trade structure. The city of Clovis would be the focus of much of this growth, though additional employment growth would be exported to the nearby city of Portales, in Roosevelt County.

Dallam and Hartley counties would share in the economic expansion caused by locating the smaller operating base near Dalhart. Table 2.1-6 indicates that peak employment (by place of residence) in Dallam County is forecast to equal 6,600 jobs in 1988, an increase of nearly 300 percent of the baseline employment forecast. In Hartley County, peak employment (by place of residence) in 1988 of 7,300 jobs would be more than five times projected baseline employment. In both cases, boom-growth conditions would result: labor shortages, wage-price inflation, and, as Table 2.1-7 shows, very large in-migration of additional workers. Cumulative civilian labor in-migration peaks in Dallam County at 6,600 persons, about 270 percent of the county's baseline civilian labor force in 1988. It peaks at 5,200 workers one year earlier in Hartley County, and represents almost 400 percent of Hartley County's projected baseline civilian labor force. Rapid expansion of the service and trade sectors in the currently agriculture-based economy also would result.

Table 2.1-7. (Page 1 of 3)

CIVILIAN LABOR FORCE IMPACTS													
ALTERNATIVE 7: FULL DEPLOYMENT - TEXAS/NEW MEXICO (L)													
BASE I AT CLOVIS, NM (CURRY CO.)													
BASE II AT DALHART, TX (HARTLEY CO.)													
COUNTY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BAILLY													
BASELINE	3540	3549	3557	3570	3574	3583	3591	3600	3608	3613	3613	3613	3613
WITH M-X	3540	3549	3567	3592	4336	3242	4600	3753	3609	3613	3613	3613	3613
DIFFERENCE	0	0	10	422	862	1659	1009	153	1	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	0	26.7	46.3	28.1	4.3	0.0	0.0	0.0	0.0	0.0
CASTRO													
BASELINE	4270	4286	4303	4323	4351	4383	4416	4448	4480	4521	4561	4602	4642
WITH M-X	4270	4286	4303	4339	4476	4568	4509	4475	4480	4521	4561	4602	4642
DIFFERENCE	0	0	0	16	125	185	93	27	0	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	0	2.9	4.2	2.1	0.6	0.0	0.0	0.0	0.0	0.0
COCHRAN													
BASELINE	2184	2184	2184	2184	2184	2184	2184	2184	2184	2184	2230	2230	2247
WITH M-X	2184	2184	2184	2204	2227	2243	2219	2187	2184	2184	2213	2230	2247
DIFFERENCE	0	0	0	20	43	59	35	3	0	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	0.9	2.0	2.7	1.6	0.1	0.0	0.0	0.0	0.0	0.0
DALLAM													
BASELINE	2315	2342	2369	2400	2423	2451	2478	2505	2535	2572	2613	2633	2694
WITH M-X	2315	2342	2395	2339	2300	2632	9082	7011	3998	3331	3228	3263	3304
DIFFERENCE	0	0	26	1139	527	5181	6604	4506	1463	759	615	610	610
PERCENT INCREASE OVER BASELINE	0	0	0	0.9	2.0	2.7	1.6	0.1	0.0	0.0	0.0	0.0	0.0
DEAF SMITH													
BASELINE	8927	8987	8647	8711	8900	8894	8988	9082	9181	9297	9398	9509	9620
WITH M-X	8927	8987	8647	8924	9088	10138	11862	11297	9218	9287	9398	9509	9620
DIFFERENCE	0	0	0	113	288	1244	2874	2215	37	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	1.3	3.3	14.0	32.0	24.4	0.4	0.0	0.0	0.0	0.0
DWALE													
BASELINE	16679	16854	17034	17213	17393	17573	17757	17945	18129	18361	18593	18830	19071
WITH M-X	16679	16854	17034	17523	17945	18036	17902	17945	18129	18761	18593	18830	19071
DIFFERENCE	0	0	0	310	552	483	145	0	0	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	1.8	3.2	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
HARTLEY													
BASELINE	1184	1212	1238	1264	1290	1316	1342	1368	1394	1420	1446	1472	1498
WITH M-X	1184	1212	1443	2820	5394	6525	5811	4318	2892	2832	2858	2914	2710
DIFFERENCE	0	1	205	1556	4104	5209	4469	2550	1408	1412	1412	1412	1412
PERCENT INCREASE OVER BASELINE	0	0	0	16.6	123.1	318.1	335.8	333.0	107.5	99.4	97.6	95.9	96.3
HOCKLEY													
BASELINE	9120	9170	9220	9271	9313	9355	9397	9439	9485	9532	9598	9657	9716
WITH M-X	9120	9175	9236	9400	9512	9600	9590	9486	9493	9539	9657	9716	9716
DIFFERENCE	0	5	16	129	197	315	191	47	0	0	0	0	0
PERCENT INCREASE OVER BASELINE	0	0	0	1.4	2.1	3.5	2.1	0.5	0.1	0.0	0.0	0.0	0.0

Table 2.1-7. (Page 2 of 3)

LAMP	BASELINE															
	7127	7127	7127	7127	7115	7106	7098	7090	7082	7086	7084	7086	7086	7086	7086	7086
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
LUBBOCK	BASELINE															
	10437	10437	10437	10437	10397	10376	10340	10340	10340	10340	10340	10340	10340	10340	10340	10340
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
MOORE	BASELINE															
	6683	6711	6738	6770	6802	6839	6875	6912	6949	6974	7040	7086	7132	7182	7236	7282
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
OL DHAN	BASELINE															
	848	855	861	867	879	892	904	917	932	948	966	985	1004	1024	1044	1064
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
PARMER	BASELINE															
	4223	4223	4223	4223	4237	4239	4244	4252	4264	4293	4326	4358	4391	4424	4457	4490
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
POTTER/RANDALL	BASELINE															
	84373	85407	86461	87535	88548	89571	90615	91679	92763	93867	94992	96137	97302	98487	99682	100887
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
SHERMAN	BASELINE															
	1472	1480	1488	1495	1503	1511	1518	1526	1538	1549	1563	1580	1595	1610	1625	1640
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
SWISHER	BASELINE															
	4344	4361	4378	4400	4420	4444	4468	4498	4533	4568	4608	4644	4674	4704	4734	4764
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															
CHAVES	BASELINE															
	19302	19815	20136	20461	20747	21044	21343	21646	21952	22266	22580	22894	23208	23522	23836	24150
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE															

Table 2.1-7. (Page 3 of 3)

CURRY		14572	14619	14665	14712	14719	14725	14732	14739	14748	14759	14769	14692	14665	14639
BASELINE		16889	19852	24039	27993	29600	28634	28923	28079	23615	23378	23525	23531	23531	23525
WITH M-X		15	35	8	63	9	90	3	101	1	94	5	96	3	90
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
DE BACA		985	985	985	985	974	966	959	951	947	947	947	947	947	947
BASELINE		985	1001	1024	1042	1005	988	984	964	949	947	947	947	947	947
WITH M-X		0	16	39	57	31	32	23	13	2	0	0	0	0	0
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARDING		323	313	503	498	484	474	464	454	444	424	404	384	364	344
BASELINE		323	313	503	498	484	474	464	454	444	424	404	384	364	344
WITH M-X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
QUAY		4796	4805	4813	4822	4812	4805	4796	4788	4783	4762	4745	4728	4711	4711
BASELINE		4796	4805	4813	4822	4812	4805	4796	4788	4783	4762	4745	4728	4711	4711
WITH M-X		0	1052	2276	3001	783	265	171	62	9	0	0	0	0	0
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROOSEVELT		6465	6488	6511	6539	6566	6597	6628	6659	6694	6722	6753	6784	6815	6815
BASELINE		6465	6488	6511	6539	6566	6597	6628	6659	6694	6722	6753	6784	6815	6815
WITH M-X		139	319	814	2611	2917	3167	3330	1823	513	427	420	420	420	420
DIFFERENCE		2	2	4	9	12	3	39	9	44	48	0	53	3	27
PERCENT INCREASE		2	2	4	9	12	3	39	9	44	48	0	53	3	27
OVER BASELINE		2	2	4	9	12	3	39	9	44	48	0	53	3	27
UNION		2119	2110	2101	2097	2101	2110	2119	2127	2141	2141	2141	2141	2141	2141
BASELINE		2119	2110	2101	2097	2101	2110	2119	2127	2141	2141	2141	2141	2141	2141
WITH M-X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXAS 17-COUNTY TOTAL		255898	258774	261693	264673	267334	270030	272806	275599	278444	281437	284324	287629	290775	290775
BASELINE		255898	258774	261693	264673	267334	270030	272806	275599	278444	281437	284324	287629	290775	290775
WITH M-X		245	740	2174	9248	21811	31522	32286	23246	11291	9002	8697	8697	8697	8697
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
N M 7-COUNTY TOTAL		48962	49335	49714	50114	50406	50721	51041	51364	51709	51941	52182	52426	52675	52675
BASELINE		48962	49335	49714	50114	50406	50721	51041	51364	51709	51941	52182	52426	52675	52675
WITH M-X		51463	54063	62660	71665	74847	72233	70345	67106	61680	61411	61632	61876	62123	62123
DIFFERENCE		2301	6728	12946	21551	24441	21512	19304	15742	9971	9470	9450	9450	9450	9450
PERCENT INCREASE		5	13	26	43	48	42	38	30	19	18	18	18	18	18
OVER BASELINE		5	13	26	43	48	42	38	30	19	18	18	18	18	18
DEPLOYMENT REGION TOTAL		304840	308109	311407	314787	317740	320771	323847	326943	330133	333398	336704	340055	343430	343430
BASELINE		304840	308109	311407	314787	317740	320771	323847	326943	330133	333398	336704	340055	343430	343430
WITH M-X		2746	7468	13080	30799	46332	53034	51790	38988	21262	18472	18147	18133	18133	18133
DIFFERENCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0

SOURCE: NMR SCIENCES, 31-OCT-80

Long-run employment impacts would be smaller. Table 2.1-6 indicates that 850 project jobs would be created over the long-term in Dallam County, with 4,800 M-X-related jobs generated in Hartley County. In the latter case this figure would represent more than a tripling of long-term projected baseline employment in the county, and cumulative civilian labor force in-migration in Hartley County stabilizes at 1,400 persons, about 100 percent of that county's baseline civilian labor force in 1994.

Five remaining counties in the ROI--Lubbock, Moore, Potter, Randall, and Roosevelt--are all forecast to receive large amounts of employment growth from M-X deployment. Lubbock County, with a very large preexisting economic base, would likely be able to assimilate peak employment of 3,400 jobs, since this represents only 3 percent of its baseline employment level of 107,200 jobs in 1987. Impacts in Potter/Randall counties are somewhat larger: peak employment of 9,100 jobs in Amarillo in 1987 would be 10 percent of the baseline forecast. Long run impacts would be about 2 percent of baseline employment. Cumulative labor in-migration in Potter/Randall counties over the 1982-1994 period would be about 1,100 persons, roughly 1 percent of their 1994 projected baseline labor force.

However, Roosevelt and Moore counties comprise much smaller economies, and peak M-X-related employment impacts of 3,500 jobs in Roosevelt County in 1988 would represent 50 percent of baseline employment. Up to this year, cumulative net civilian labor in-migration would equal 3,700 persons, over 50 percent of the county's projected baseline civilian labor force. M-X-related jobs in Moore County would peak at 1,900, 27 percent of its baseline for 1988. Neither county could accommodate such rapid, large-scale employment growth without some labor shortages, inflation and other boom-type stresses. Long-run growth impacts would be much smaller, but still would induce further industrial change and growth.

Demand, Supply, and Wage Escalation for Construction Crafts

At the time of peak construction (1987), some 16,000 people will be in the construction work force. This is a major construction effort, particularly in view of the limited labor supplies likely to be available in the immediate area. Examination of craft-specific labor demand and supply is important in order to anticipate specific problems and devise policies to mitigate them. The potential of labor shortages may exist for certain skills and in varying degrees. Concomitant with any important labor shortages will be pressure for local wage inflation which could linger in its impact for years. Anticipated shortages of supply in certain crafts may offer opportunities to upgrade local labor via training programs.

The analysis and data presented below are directed to the maximum impact case. That is to say, the focus is on supply and demand for the peak and near-peak construction labor demand years. M-X demand for construction labor by specific craft can be found in Table 2.1-8 for Texas/New Mexico full deployment. Craft-specific labor supply is derived from estimates of occupational employment in 1985 which are independently produced by each states' employment security agency in cooperation with and coordinated by the U.S. Department of Labor.¹ Occupation

¹See Texas Employment Commission, Job Scene 1985, Amarillo SMSA and New Mexico Employment Security Department, New Mexico Occupational Manpower Needs to 1985, and Unpublished Data.

Table 2.1-8

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher than the number of incorrect responses in all cases.

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 3. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible]

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

projections developed by the states are indicative of trends in occupational growth and are used in the same spirit in the analysis below.

Craft employment projections in column (1) reflect the totals of the entire state of New Mexico and portions of Texas while column (2) is restricted to 16 counties within the ROI. Columns (3) and (6) show the currently planned demand for labor by the M-X system. Columns (4), (5) (7), and (8) show the proportion of available labor that would be required by M-X construction.

Attention is directed to columns (7) and (8) which shown the maximum demand (1987) compared with expected employment for the two states combined (Col. 7) and for the smaller region (Col. 5). In the ROI, M-X requirements are large, with the exception of demand for restaurant workers, miscellaneous crafts, and carpenters.

In Table 2.1-9 the focus is on: 1) workers likely to be available for M-X employment by geographical zone, 2) specific crafts likely to be in short supply, 3) the magnitude of the shortage, and 4) where the short fall is likely to appear. In columns (1) through (4) are the estimated number and percent of craftsmen actually expected to be obtainable by M-X in the impact counties and the two-state area. These data are derived by assuming 10 percent of the total craft employment can be hired for M-X.

Only about one-third (32 percent) of the 14,400 workers demanded are likely to be available in the immediate region, compared to the Nevada/Utah case where two-thirds of the needed labor would be located in the ROI. In Texas/New Mexico only restaurant workers appear to be fully obtainable in the deployment area, but significant proportions of miscellaneous crafts (66 percent) are likely to be available locally, as well as about one-third of the necessary pipefitters, electricians, and carpenters. The most difficult local supply situations will exist for operating engineers (8 percent of requirements) and iron workers (15 percent of requirements).

Shifting focus to the states of Texas and New Mexico, columns (3) and (4), it appears that virtually all the required carpenters should be obtainable in the two-state area. To avoid double counting, the percent of requirements listed in column (4) is in addition to those in column (1). About 55 percent (7,950 workers) of all required craft labor may be obtainable in the two-state area, while the remaining 45 percent (6,450 workers) would have to be hired from outside the two states.

Crafts for which demand exceeds supply in the two-state area are evident in columns (5) and (6). Significant shortages of labor in both the impact region and the two-state area are anticipated for:

- o teamsters,
- o operating engineers,
- o laborers,
- o iron workers,
- o electricians, and
- o plumbers/pipefitters.

Most critical would be iron workers, where some 81 percent (830) would have to be recruited outside Texas/New Mexico. In addition, large absolute numbers of experienced teamsters (2,070), operating engineers (2,170) and laborers (960) would

Table 2.1-9. Craft specific construction labor availability in 1985 geographic zone, Texas/New Mexico, full deployment, peak M-X construction labor requirements, 1987 (person years).

LABOR CATEGORY	CRAFT LABOR AVAILABLE IN IMPACT COUNTIES ¹		CRAFT LABOR AVAILABLE IN TWO-STATE ² AREA		NET EXCESS ³ REQUIREMENTS OVER IMPACT AREA AND STATE AVAILABILITY		TOTAL DEFICIT BY M-X 1987
	NUMBER	% OF REQUIRED ⁴	NUMBER	% OF REQUIRED ⁴	NUMBER	% OF REQUIRED ⁴	NUMBER
Teamsters	650	18.2	860	24.0	2,068	57.8	3,378
Operating Engineers	250	8.0	700	22.4	2,170	69.6	3,120
Laborers	440	20.8	720	34.0	950	46.2	2,110
Iron Workers	150	14.7	40	3.9	820	81.3	1,310
Carpenters	480	39.0	780	64.8	0	0	1,260
Electricians	230	30.2	360	47.3	171	22.4	781
Pipefitters Plumbers	260	20.8	360	29.0	230	27.8	850
Misc. Crafts	580	65.5	1,330	140.0	0	0	900
Restaurant Workers	1,610	100.0	2,570	—	0	0	788
Total	4,660	32.4	7,720		6,436	44.7	14,400

¹Assumes 10 percent of craft supply is available for employment on project.

²Outside impact counties, i.e., balance of state, in New Mexico only.

³Mid-county region in Texas-New Mexico.

⁴Col. 1 = Col. 7

Col. 2 = Col. 7

Col. 3 = Col. 7

⁵Exclusive of contractor's staff

Source: HDR Sciences

likely be unobtainable in the two state area. Finally, a number of plumbers and pipefitters (400) and electricians (170) would be needed from the outside.

These estimates represent the maximum problem situation of 1987 peak project demand. Preceding and subsequent project construction years should provide substantially less difficulty and allow transition time to achieve employment targets.

Several conclusions can be drawn from this analysis:

- o The majority of required labor is likely to be unobtainable in the deployment region.
- o In-migration of construction workers would be dominated by teamsters, laborers, and operating engineers, unless there is an effort made to upgrade and train local people for these jobs. With appropriate training much of this potential in migration could probably be avoided.
- o Large numbers of iron workers, plumbers, pipefitters, and electricians are unavailable in the construction area. This situation is not unusual on large projects of almost any type and location. These craftsmen traditionally travel or move to jobs.
- o In contrast to Nevada/Utah, M-N, full deployment in Texas/New Mexico is likely to produce a much larger influx of immigrants to the deployment region with associated problems and dislocations. Combining this with the use of construction camps for housing workers is likely to result in a large number of immigrants without dependents who can be described as "travelers." These workers would temporarily live at the work site but travel home weekly or less often.

The existence of an excess labor demand means that if it is to be satisfied then there must be a corresponding increase in the quantity of labor supplied and an accompanying effect on wage rates. The relationship between excess labor demand, labor supply response and changing wage rates depends on the wage elasticity of labor supply. This analysis provides a menu of plausible coefficients to give some idea of the range of wage escalation possibilities. Each coefficient in this range is not equally probable. For example, teamsters are highly interchangeable between industries, and the skills are not difficult to learn compared to many other construction crafts (e.g., pipefitters). Consequently, it is expected that teamsters would display a higher elasticity (more flexibility) of supply than pipefitters.

Table 2.1.10 sets forth the estimated excess demand for various crafts (from Table 2.1.9), their current wage rates, and estimates of a range of possible escalated wage rates under several possible supply elasticity conditions. It is clear that the pressure on wages will be heavy for iron workers and operating engineers, but considerably smaller pressure will exist for teamsters, pipefitters, laborers and electricians. It is well to point out that wage increases in one craft cannot be considered in total isolation from wages in other crafts since considerable efforts are made by the craft unions to maintain traditional wage relationships. However, no such interaction is built into the present estimates. Also, it should again be emphasized that the potential wage escalations in columns (4) through (6), may

Table 2.1-10. Estimates of wage escalation¹ due to M-X-related excess peak labor demands,² selected construction crafts, Texas/New Mexico, full deployment.

CRAFTS	1987 EXCESS DEMAND		MEAN WAGE RATE ³	ESTIMATED DEMAND ESCALATED WAGE RATES (Dollars/hr.) ⁴		
				SELECTED LABOR SUPPLY ELASTICITY COEFFICIENTS ⁵		
	NUMBER	PERCENT	(Dollar/hr.)	0.5	1.0	1.5
Teamsters	2,068	13.7	\$ 9.96	\$12.69	\$11.32	\$10.87
Operating Engineers	2,170	22.8	12.00	17.47	14.74	13.82
Iron Workers	829	43.6	13.16	24.63	18.90	16.99
Pipefitters Plumbers	239	3.9	13.43	14.47	13.95	13.78
Laborers	959	8.2	9.01	10.49	9.75	9.51
Electricians	171	2.9	14.23	15.06	14.64	14.5

3960

¹1980 dollars; no adjustment is made for the background rate of inflation nor cyclical fluctuations in general business conditions.

²Excess demand is the amount by which M-X direct construction employment exceed 110 percent of the 1985 projected occupational employment in the two-state area.

³Wage rate is the mean union money wage plus estimated fringe benefits of several two-state metropolitan areas in effect in first half of 1980. Wage may also take the form of per diem, travel subsistence allowances and scheduled overtime work.

⁴Elasticity is the proportionate rate of change of wages relative to a given proportionate rate of change in labor demand supply. Elasticity coefficient equals percent change in labor supply divided by percent change in wages.

Source: HBE Sciences.

appear in a variety of forms (travel and living allowances, for example) and not just as increases in the workers' hourly wage rate.

By comparison to Nevada/Utah full deployment, the affected crafts and the degree of excess demand is somewhat larger for the Texas/New Mexico option. The major difference is the much larger excess demand for teamsters in Texas/New Mexico.

Split Deployment

The split deployment alternative (Alternative 8) locates an operating base at Coyote Spring, Nevada, and half of the M-X system's 200 missiles in the Nevada/Utah region. The second operating base would be located near Clovis, in Curry County, New Mexico, with the remaining 100 missiles deployed in the Texas/New Mexico region. In Texas/New Mexico, the deployed missile force would be split into a 35-65 configuration -- 35 of the missiles located in Texas, and 65 in New Mexico. Compared to full deployment in Texas/New Mexico, therefore, this alternative would result in minimal impacts in some ROI counties, while effects at the regional level would be nearly halved in magnitude. New Mexico would experience most of the employment growth associated with this alternative, since most DDA facilities and the region's operating base are located in the state. Figure 2.1-4 displays the location of key project facilities for this deployment option.

Direct Employment

Table 2.1-11 present direct labor requirements for the split basing configuration in Texas/New Mexico. As shown in the table, peak construction labor demands would reach about 9,400 jobs in 1987, approximately 60 percent of requirements under full deployment. Construction workers would be based at seven construction camps, with employment levels at each as given in Table 2.1-12. Each camp would be active for three years.

Peak assembly and checkout labor requirements of 3,700 persons under split basing also would be 60 percent of full deployment demand. Table 2.1-13 displays A & CO personnel needs of the system at each of the camps and at the base. The table also displays system operations personnel estimates. Base operations would begin in 1985, one year later than under full deployment. The base would be fully operational by 1989, with a base staffing level of 6,100 persons, about 46 percent of operational requirements for the region under full deployment.

Indirect and Total M-X Related Employment

Table 2.1-14 adds to these estimates of direct employment projections of indirect and total M-X-related employment in the ROI with split deployment. In general, employment impacts would be about one-half of that forecast under full deployment. Peak total employment would be about 28,700 jobs in 1987, 53 percent of the peak under full employment. This peak estimate would be about 9 percent of projected ROI baseline employment in that year.

Over the long run, total employment would stabilize at about 8,800 jobs, 70 percent of which would be direct operating base jobs. This long-term figure is only about 3 percent of the region's projected baseline employment, and would not be expected to product major impacts at the regional level.

Table 2.1-11. Total direct personnel requirements, split deployment, Texas/New Mexico.

DESCRIPTION	PERSONNEL									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Construction										
DDA ¹			100	1,950	6,750	8,150	6,800	2,650		
Second OB complex ²		300	1,850	2,400	2,000	1,200				
Subtotal		300	1,950	4,350	8,750	9,350	6,800	2,650		
A & CO										
DDA ¹				400	850	1,500	2,200	2,150	50	
Second OB complex ²		250	700	1,350	2,150	2,150	2,100	2,000	50	
Subtotal		250	700	1,750	3,000	3,650	4,300	4,150	100	
Operations										
Second OB complex ²				1,250	2,400	3,700	4,850	6,050	6,050	6,050
TOTAL		550	2,650	7,350	14,150	16,700	15,950	12,850	6,150	6,050

3565 - 3

¹DDA includes PS, ASC, DTN, CMF, RSS, and CR.

²Second OB complex includes OB, DAA, and airfield.

Table 2.1-12. Employment requirements for construction of DDA and base facilities, split deployment, Texas/New Mexico.

CAMI NUMBER ¹	CONSTRUCTION								
	1982	1983	1984	1985	1986	1987	1988	1989	1990
1			100	1,200	1,950				
2				450	1,850	1,750			
3					700	2,000	1,500		
4						450	2,100	1,250	
5				300	1,900	1,900			
6					350	1,950	1,500		
7						100	1,700	1,400	
Subtotal			100	1,950	6,750	8,150	6,800	2,650	
OB/DAA		300	1,850	2,400	2,000	1,200			
Total		300	1,950	4,350	8,750	9,350	6,800	2,650	

3566-1

¹See Figure 2.1-4.

Source: HDS Sciences, with approval of U.S. Air Force, Ballistic Missile Office.

Table 2.1-13. Employment requirements for assembly and checkout and operations, split deployment, Texas/New Mexico.

JAN. NUMBER AND EMPLOY- MENT TYPE	A & CO AND OPERATIONS PERSONNEL								
	196.	19.	1980	198	198	19.	19	19	19
1				40	40				
2					10	50	30		
3						17	500	400	
4							37	700	
5					200	500	22		
6						17	500	400	
7							16	650	50
Subtotal				400	850	1,500	2,200	2,150	50
OB/DA		250	700	1,350	2,150	2,150	2,100	2,000	50
Total A & CO		250	700	1,750	3,000	3,650	4,300	4,150	100
Operations									
Officer				100	200	300	400	500	500
Enlisted				950	1,850	2,850	3,700	4,650	4,650
Civilian				200	350	550	750	900	900
Total Operations				1,250	2,400	3,700	4,850	6,050	6,050

3507-1

See Figure 2.1-4.

Sources: HDE Sciences; U.S. Air Force, Ballistic Missile Office; and Strategic Air Command.

Table 2. 1-14.

M-X RELATED SYSTEM EMPLOYMENT BY PLACE OF EMPLOYMENT, IN DEPLOYMENT REGION

ALTERNATIVE B8 SPLIT DEPLOYMENT (35/65)-TEXAS/NEW MEXICO
SPLIT BASE 11 AT CLOVIS, NM (CURRY CO.)

[illegible]

TOTAL CIVILIAN M-I RELATED EMPLOYMENT, AVAILABLE RESIDENT LABOR FORCE,
AND NET CIVILIAN LABOR FORCE IMPACT BY PLACE OF RESIDENCE
FOR DEPLOYMENT REGION

ALTERNATIVE BD SPLIT DEPLOYMENT (35/65)-TEXAS/NEW MEXICO
SPLIT DATE 11 AT CLOVIS, NM (CUNIFF CO.)

[illegible]

Regional Labor Force Impacts

Civilian labor force in-migration into the Texas/New Mexico ROI under split deployment would be about half of the in-migration projected under full deployment. Table 2.1-15 presents estimates of cumulative net civilian labor force in-migration. Peak cumulative civilian in-migration could be as much as 25,000 persons in 1987, about 8 percent of the region's baseline civilian labor force in that year. This peak is about half of peak civilian labor in-migration under full deployment. Net out-migration would occur after 1987, and would continue through 1994. The civilian labor force in the ROI would be about 2,900 persons larger in the long run with split deployment of M-X than under baseline conditions.

County-Level Effects

Only Curry County would receive dramatic employment stimulus over the entire life of the project, the result of building and operating the regional M-X base in the county. Over the long run, the only other counties projected to experience M-X related employment growth are those near the operating base and those with large enough economies to serve as regional trade centers for base procurement and employee consumption demands. These counties include Lubbock, Potter, Randall, Chaves, and Roosevelt. Short-term employment impacts in these counties are projected to be large as well. Table 2.1-16 presents a summary of county-level employment impacts by place of residence, both in absolute numbers and relative projections of employment under baseline conditions.

Curry County's employment under this alternative is about the same as for Alternative 7. Peak employment of 12,700 in 1989 would be almost 90 percent of the projected baseline figure. Short-run, boom-type growth would result. About 7,400 jobs would be created on a long-term basis, approximately 60 percent of projected baseline employment in the county. These estimates are slightly less than the employment growth projected with full deployment in the region, but growth of this magnitude would have the same significant consequences for the local economy as full deployment.

Table 2.1-17 presents estimates of civilian labor force impacts for each county in the ROI. It indicates that most counties in the Texas/New Mexico ROI would experience only minimal impacts under split deployment. This is the result of half of the system's DDA and base facilities being located outside the region. Only Curry County is forecast to experience civilian in-migration lasting more than a few years. The net increase in civilian labor force in Curry County is projected at 2,500 persons, 80 percent of long-run cumulative net civilian in-migration in the county with full deployment.

Demand, Supply, and Wage Escalation for Construction Crafts

Tables 2.1-18 through 2.1-20 present estimates of the M-X construction labor demand, supply, and wage escalation for split deployment in Texas/New Mexico. These effects would be similar in direction but much smaller in magnitude than for full deployment in the region.

Table 2.1-16. (Page 1 of 4) EMPLOYMENT IMPACTS (BY PLACE OF RESIDENCE, INCLUDING MILITARY)

ALTERNATIVE B3 SPLIT DEPLOYMENT (35/65)-TEXAS/NEW MEXICO/L
SPLIT BASE 1:1 AT CLOVIS, NM (COURRY CO.)

COUNTY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BAILEY	BASELINE	3423	3432	3440	3452	3456	3465	3473	3481	3489	3493	3493	3493
	WITH M-X	3423	3432	3440	3456	3477	3503	3510	3500	3493	3493	3493	3493
	DIFFERENCE	0	0	0	4	21	38	37	19	4	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.1	0.6	1.1	1.1	0.5	0.1	0.0	0.0	0.0
CASTRO	BASELINE	4104	4119	4135	4154	4181	4212	4244	4275	4306	4344	4422	4461
	WITH M-X	4104	4119	4135	4156	4193	4235	4278	4300	4312	4344	4422	4461
	DIFFERENCE	0	0	0	2	12	23	34	25	6	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.0	0.3	0.5	0.8	0.6	0.1	0.0	0.0	0.0
COCHRAN	BASELINE	2092	2092	2092	2092	2092	2092	2092	2092	2092	2104	2120	2137
	WITH M-X	2092	2092	2092	2097	2114	2121	2111	2101	2094	2104	2120	2137
	DIFFERENCE	0	0	0	5	22	29	19	9	2	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.2	1.1	1.4	0.9	0.4	0.1	0.0	0.0	0.0
DALLAM	BASELINE	2234	2260	2286	2316	2339	2365	2391	2417	2446	2482	2521	2530
	WITH M-X	2234	2260	2286	2332	2557	3179	4108	4007	2552	2485	2521	2560
	DIFFERENCE	0	0	0	16	218	814	1717	1590	106	3	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.7	9.3	34.4	71.8	65.8	4.3	0.1	0.0	0.0
DEAF SMITH	BASELINE	8126	8183	8240	8301	8387	8476	8566	8655	8749	8851	8957	9168
	WITH M-X	8126	8183	8294	9360	9971	8626	8781	8823	8785	8853	8957	9168
	DIFFERENCE	0	0	54	1059	1584	150	215	168	36	2	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.7	12.8	18.9	1.8	2.5	1.9	0.4	0.0	0.0	0.0
HALE	BASELINE	15945	16113	16284	16456	16628	16799	16975	17155	17331	17553	17775	18001
	WITH M-X	15945	16113	16285	16472	16690	16897	17076	17215	17343	17553	17775	18001
	DIFFERENCE	0	0	1	16	62	98	101	60	12	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.1	0.4	0.6	0.6	0.3	0.1	0.0	0.0	0.0
HARTLEY	BASELINE	1157	1182	1207	1233	1258	1283	1309	1334	1359	1385	1410	1435
	WITH M-X	1157	1182	1207	1246	1539	2666	3133	2173	1396	1389	1410	1435
	DIFFERENCE	0	0	0	13	281	1383	1824	839	37	4	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	1.1	22.3	107.8	139.3	62.9	2.7	0.3	0.0	0.0
HUCKLEY													

Table 2.1-16. (Page 3 of 4)

BASELINE WITH M-X DIFFERENCE PERCENT INCREASE OVER BASELINE	19502	19815	20136	20461	20749	21044	21343	21646	21952	22226	22500	22777	23058
	19545	19907	20318	21076	21760	22004	24230	23958	22141	22370	22642	22919	23200
	43	92	182	615	1011	960	2887	2312	189	144	142	142	142
	0.2	0.5	0.9	3.0	4.4	4.6	13.5	10.7	0.4	0.6	0.6	0.6	0.6
CURRY	14572	14619	14665	14712	14719	14725	14732	14739	14748	14719	14692	14665	14639
	14993	14681	19319	23130	26000	27373	27104	27441	23951	22446	22113	22079	22053
	421	1462	4654	9418	11281	12648	12372	12702	9203	7777	7421	7414	7414
	2.9	10.0	31.7	57.2	76.6	85.9	84.0	86.2	62.4	52.5	50.5	50.6	50.6
DE BACA	980	985	985	985	974	966	959	951	947	947	947	947	947
	980	985	985	987	991	1010	1005	969	950	947	947	947	947
	0	0	0	2	17	44	46	18	3	0	0	0	0
	0.0	0.0	0.0	0.2	1.7	4.6	4.8	1.9	0.3	0.0	0.0	0.0	0.0
HARDING	523	513	503	498	484	474	464	454	444	424	404	384	364
	523	513	503	810	2661	3050	861	459	445	424	404	384	364
	0	0	0	312	2177	2576	397	5	1	0	0	0	0
	0.0	0.0	0.0	62.7	449.8	543.5	80.6	1.1	0.2	0.0	0.0	0.0	0.0
JAY	4796	4805	4813	4842	4813	4805	4796	4788	4783	4762	4745	4728	4711
	4796	4805	4813	5302	7022	7450	5328	4879	4797	4762	4745	4728	4711
	0	0	0	480	2209	2645	533	91	14	0	0	0	0
	0.0	0.0	0.0	10.0	45.9	55.0	11.1	1.9	0.3	0.0	0.0	0.0	0.0
ROOSEVELT	6465	6488	6511	6509	6566	6597	6628	6659	6694	6722	6753	6784	6815
	6528	6773	6992	7175	8127	9682	9440	7763	7175	7140	7166	7177	7128
	133	265	481	636	1561	3085	2812	1104	481	418	413	413	413
	2.1	4.4	7.4	9.7	23.8	46.8	42.4	16.6	7.2	6.2	6.1	6.1	6.1
UNION	2119	2110	2101	2097	2101	2110	2119	2127	2141	2141	2141	2141	2141
	2119	2110	2101	2099	2114	2136	2172	2179	2154	2142	2141	2141	2141
	0	0	0	2	13	26	53	52	13	1	0	0	0
	0.0	0.0	0.0	0.1	0.6	1.2	2.5	2.4	0.6	0.0	0.0	0.0	0.0
TEXAS 17-COUNTY TOTAL	255898	258774	261693	264673	267334	270050	272806	275597	278444	281457	284524	287629	290775
	256103	259275	262645	267861	273429	276741	281650	281923	279965	283306	285352	288457	291603
	200	201	201	2100	6093	6491	8844	6324	1521	846	838	838	838
	0.1	0.7	0.4	1.1	2.3	2.5	3.2	2.3	0.5	0.3	0.3	0.3	0.3
TARRANT COUNTY TOTAL	45940	47335	47714	50114	50426	50721	51041	51364	51709	51941	52182	52426	52675
	45559	51174	50631	40579	68675	72705	76140	67648	61613	62731	60158	60374	60648
	597	1830	5317	10465	18269	21984	19099	16284	9804	8260	7976	7969	7969
	1.2	3.7	10.7	26.4	36.2	43.3	37.4	31.7	19.2	16.0	15.3	15.2	15.1

Table 2.1-10. (Page 4 of 4)

EMPLOYMENT REGION TOTAL	304860	308109	311407	314787	317740	320771	323847	326963	370153	333398	336706	340055	343450
BASLINE	305692	310449	317697	323440	342104	349446	351790	349571	341578	342536	345510	348852	352247
WITH W-4	827	2740	6270	13653	24764	28675	27943	22608	11425	9138	8804	8797	8797
DIFFERENCE	0.3	0.8	2.0	4.3	7.7	8.9	8.6	6.9	3.5	2.7	2.6	2.6	2.6
PERCENT INCREASE													
OVER BASLINE													
SOURCE: HQR SCIENCES, 31-OCT-80													

Table 2.1-1. Page 2-11

[illegible]

STATE	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344
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Table 2.1-17. Page 4 of 4

DEPLOYMENT REGION TOTAL												
BASLINE	317504	321044	324484	328028	331072	334033	337435	340482	344002	347279	350801	354307
WITH M-1	317504	321044	324484	328028	331072	334033	337435	340482	344002	347279	350801	354307
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0
SOURCE	HDR SCIENCES, 31-03-90											

Table 2.1-18. Projected employment and M-X-related direct construction labor demand by craft, Texas/New Mexico, split deployment, peak demand years, 1985 and 1987.

LABOR CATEGORY	PROJECTED TWO-STATE ¹ EMPLOYMENT 1985	PROJECTED REGIONAL ² EMPLOYMENT 1985	M-X CON- STRUCTION LABOR DEMAND 1985	M-X LABOR UTILIZATION PERCENT 1985		PEAK M-X CONSTRUCTION LABOR DEMAND 1987	M-X LABOR UTILIZATION PERCENT 1987	
				STATES ^{1,8}	REGION ^{2,9}		STATES ^{1,10}	REGION ^{2,11}
Teamsters	15,100	6,500	1,141	7.6	17.6	2,285	15.1	35.2
Operating Engineers	9,500	2,500	995	10.5	39.8	1,994	21.0	79.8
Laborers	11,600	4,400	667	5.6	15.2	1,332	11.6	30.3
Iron Workers	1,900	1,500	323	17.0	21.5	642	33.8	42.8
Carpenters	12,600	4,800	373	3.0	7.8	750	6.0	15.6
Electricians	5,900	2,300	237	4.0	10.3	476	8.1	20.7
Pipefitters/Plumbers	6,200	2,600	278	4.5	10.7	541	10.4	20.8
Misc. Crafts	19,200	5,900	283	1.5	4.8	565	2.9	9.6
Restaurant Workers	41,000	16,100	253	0.6	1.6	505	1.2	3.1

3967

¹Statewide for New Mexico, 10-county impact region in Texas.

²16 total counties in two-state area impact region.

³All truck drivers.

⁴Bulldozer, grader and excavating equipment operators.

⁵Journeyman and helpers.

⁶Craftsmen N.E.C.

⁷All food service workers.

⁸Col. 1 Col. 1

⁹Col. 1 Col. 2

¹⁰Col. 6 Col. 1

¹¹Col. 6 Col. 2

Source: HDR Sciences.

Table 2.1-19. Craft specific construction labor availability in 1985 by geographic zone, Texas/New Mexico split deployment, peak construction labor requirements year, 1987 (person years).

LABOR CATEGORY	CRAFT LABOR AVAILABLE ¹ IN IMPACT COUNTIES ²		CRAFT LABOR AVAILABLE ³ IN TWO-STATE ⁴ AREA		NET EXCESS OF REQUIRED LABOR OVER IMPACT COUNTY AND STATE AVAILABILITY ⁵		TOTAL REQUIRED BY M-X
	NUMBER	% OF REQUIRED ⁶	NUMBER	% OF REQUIRED ⁶	NUMBER	% OF REQUIRED ⁶	
Teamsters	650	28.4	860	37.6	775	33.9	2,285
Operating Engineers	250	12.5	700	35.1	1,044	52.4	1,994
Laborers	440	33.0	720	54.1	172	12.9	1,332
Iron Workers	150	23.3	45	6.2	452	70.4	642
Carpenters	480	64.0	780	100.0	0	—	750
Electricians	230	48.3	360	75.6	0	—	476
Pipefitters-Plumbers	260	48.1	360	66.5	0	—	541
Misc. Crafts	590	100.0	1,330	—	0	—	564
Restaurant Workers	1,610	100.0	2,570	—	0	—	505
Total	3,530	38.8			2,443	26.9	9,090 ⁷

3068

¹ Assumes 10 percent of craft supply is available for employment on project.

² Includes impact counties in Texas; balance of states in New Mexico only.

³ Includes counties in Texas-New Mexico.

⁴ Includes all states.

⁵ Includes all states.

⁶ Includes all states.

⁷ Excludes all contract craft.

⁸ Includes all contract craft.

Table 2.1-20. Estimates of wage escalation¹ due to M-X-related excess peak labor demand,² selected construction crafts, Texas/New Mexico, split deployment.

CRAFTS	1987 EXCESS DEMAND		MEAN WAGE RATE ³ (Dollar/hr.)	ESTIMATED DEMAND ESCALATED WAGE RATES ⁴ (Dollars/hr.)		
				SELECTED LABOR SUPPLY ELASTICITY COEFFICIENTS ⁵		
	NUMBER ³	PERCENT ⁴		0.5	1.0	1.5
Teamsters	775	5.1	\$9.96	\$10.98	\$10.47	\$10.30
Operating Engineers	1,044	11.0	12.00	14.64	13.32	12.88
Iron Workers	452	23.8	13.16	19.42	16.29	15.25
Pipelitters/Plumbers	0	—	—	—	—	—
Laborers	172	1.5	9.01	9.28	9.15	9.10
Electricians	0	—	—	—	—	—

3969

¹1980 dollars; no adjustment is made for the background rate of inflation nor cyclical fluctuations in general business conditions.

²Excess demand is the amount by which M-X direct construction employment exceed 110 percent of the 1985 projected occupational employment in the two-state area.

³Wage rate is the mean union money wage plus estimated fringe benefits of several two-state metropolitan areas in effect in first half of 1980. Wage may also take the form of per diem, travel subsistence allowances and scheduled overtime work.

⁴Elasticity is the proportionate rate of change of wages relative to a given proportionate rate of change in labor demand/supply. Elasticity coefficient equals percent change in labor supply divided by percent change in wages.

Source: HDR Sciences

Mitigations

The extent and severity of economic dislocation resulting from these episodes of rapid, large-scale growth depend on the strategies adopted to mitigate the adverse effects of this growth. Mitigative strategies could center on project design changes, economic development planning, and implementation and planning assistance funds. With respect to project design changes, personnel required for the three area support centers (ASCs) could be based at locations other than operating bases as this study assumes. Roughly 300 persons per ASC would be required, as would local procurement for food and other supplies. Geographic dispersal of personnel would tend to redistribute the workers, their families, and their expenditures away from operating base communities, reducing stress on local labor markets and generating smaller-scale growth in other communities.

Introduction or increased usage of labor saving technologies for both construction and operations also could decrease labor demands. Long distance commuting programs rather than inducing workers to live in rural communities could serve much the same purpose, and could be particularly important during DDA construction. Alternatively, programs with direct incentives for construction workers to locate their families in metropolitan areas, e.g., Amarillo or Lubbock, also would minimize short run boom growth in rural counties experiencing DDA construction.

Economic development planning activities could include extensive federal, state, and local preplanning and impact aid assistance. Any local industrial expansion could be time-phased so as to "smooth-out" growth peaks, lessening chances of labor or materials shortages or rapid escalation of their prices. This could be particularly important where competition for resources arises between M-X and other projects. To meet initial demands, extensive importation of labor, and other resource inputs, as well as final goods, would reduce local market stress. Planning investments in industrial capacity consistent with long-run area needs, such as small scale business parks, or restaurants and motels, would lessen declines in project activity in the area. This is less appropriate in those rural areas where only technical facilities are planned where short-run adjustments such as importing goods and services may be a more appropriate way to cope with project needs. In these areas, no expansion of the local industrial base could reasonably be expected to supply the demands of the project, while overexpansion would lead to "bust-type" recession problems.

Local residents and businesses should also be made an integral part of community growth management planning. Job skill improvement seminars, information dissemination, worker relocation assistance, and contract negotiation classes, for example, coordinated by federal, state, and local manpower economic development specialists, would be required.

INCOME AND EARNINGS

Earnings impacts from deployment in Texas/New Mexico are closely related to employment effects, discussed above.

Full Deployment

Table 2.1-21 indicates that full deployment in Texas/New Mexico is projected to generate a net increase in earnings of as much as \$1.1 billion (fiscal year 1980 dollars) in 1987; then as project build-up is completed, earnings would decline and

Table 2.1-21.

7. E RELATED EXPENSES, IN MILLION OF 1969 DOLLARS, BY DEVELOPMENT METHOD
 ALTERNATIVE 7, CASE DEVELOPMENT, CLUSTERING METHOD
 BASE CLUSTER, INCLUDING CL
 BASE CL AT DALLAS TEXAS (CLUSTERS)

SOURCE OF EXPENSES	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
CLUSTER ALTERNATIVES CONSTRUCTION, ASSEMBLY, AND CHECKOUT	0.0	31.2	91.1	315.9	401.6	343.0	472.3	190.5	1.3	0.0	0.0	0.0
BASE CONSTRUCTION ASSEMBLY, AND CHECKOUT	18.6	73.6	94.0	110.9	136.9	140.1	110.7	91.4	1.3	0.0	0.0	0.0
OPERATIONS	0.0	0.0	12.4	34.5	20.7	107.1	145.3	181.3	102.2	102.2	102.2	102.2
INDIRECT	20.0	54.9	103.4	187.0	266.5	202.7	210.9	201.9	103.5	80.5	64.1	64.1
TOTAL	59.6	160.6	310.7	652.3	972.0	1095.7	1044.7	676.0	280.7	286.9	286.3	286.3
SOURCE: MOR SCIENCE, 7 NOV 1971												

stabilize at \$246 million by 1993. At the peak, M-X-related earnings would represent growth equal to about 26 percent of the region's 1978 total earnings of \$4.3 billion (1980 dollars). Over the long run, the net increase in earnings would be about 6 percent of 1978 levels.

As noted in the employment analysis for Texas/New Mexico, the ROI is basically rural, and historically has exhibited modest economic growth. Metropolitan concentrations include Amarillo in Potter/Randall counties, Lubbock in Lubbock County, Clovis in Curry County, Portales in Roosevelt County, and Roswell in Chaves County. All of these cities except Roswell would be the focus of significant short- and long-run economic growth, supplying local procurement needs and meeting project worker demands. As analysis of M-X-related employment has shown, Roosevelt County would likely be most heavily impacted, given its relatively small preexisting economic base. In addition, many counties where DDA facilities would be constructed will be significantly impacted in the short run. These include Bailey, Deaf Smith, Parmer, Chaves, Harding and Quay counties, and earnings forecasts indicate all face the potential of rapid price inflation and temporary shortages of construction and final goods. Table 2.1-22 presents a summary of county level earnings growth resulting from M-X activities.

Curry County, proposed as a location of DDA facilities and the first operating base, would experience the largest absolute gain in earnings. Peak earnings are forecast to be \$255 million in 1986, about equal to total 1978 county earnings. The table indicates that following construction of DDA and base facilities, earnings would decline and stabilize at \$121.7 million by 1992. Earnings growth of this magnitude would significantly alter the size and nature of the county's economy; rapid wage and price inflation, changes in the county's occupational mix, and local shortages of supplier and finished goods would be likely. In the short run, roughly one-half of earnings growth results from DDA construction. Long-term earnings increases are the result of base operations.

Table 2.1-22 indicates that both Dallam and Hartley counties would share in economic expansion induced by DDA and operating base construction. But over the long run, most earnings growth (by place of work) would occur in Hartley County, a result of employment on the base. In the short run, the net increase in earnings would peak at \$182 million in Hartley in 1987, and at \$223 million in Dallam County in 1988. In both cases, growth over 1978 county total earnings would be extremely large. In Hartley, peak earnings would be 20 times 1978 earnings of \$9.1 million (1980 dollars), while in Dallam, peak earnings would equal about 490 percent of 1978 earnings of \$45.6 million (1980 dollars). In the counties' largely agricultural economies, boom growth would result from earnings of this magnitude.

Over the long run, earnings by place of work would decline in Dallam County to a projected level of \$4 million in 1993, about 9 percent of 1978 earnings. Hartley County, the operating base location, would experience long-run annual earnings equal to \$84 million, over 9 times 1978 total earnings. Long-run project-related earnings in Hartley County would induce significant economic dislocation and could completely reorient the county's economic structure toward trade and service industries.

Table 2.1-22. (Page 1 of 3)

W-X RELATED EARNINGS BY COUNTY IN WIND. IN MILLIONS OF FY 1990 DOLLARS

ALTERNATIVE 7: FULL DEPLETION OF TREASURY RESERVE (1.3)

BASE I AT CLOVIS, NM (COUNTRY 00)

BASE II AT DALHART, TX (HARTLEY 00)

COUNTY	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	297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Table 2.1-22. (Page 3 of 3).

	TOTAL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TEXAS 17-COUNTY TOTAL																						
DIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIRECT	3	7	15	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195	205
TOTAL	3	7	15	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195	205
N. H. 7-COUNTY TOTAL																						
DIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIRECT	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64
TOTAL	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64
EMPLOYMENT REGION TOTAL																						
DIRECT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIRECT	3	7	15	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195	205
TOTAL	3	7	15	25	35	45	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195	205

SOURCE HQA SCIENCES, 4-NOV-81)

Split Deployment

Table 2.1-23 presents earnings impacts under split deployment. For the region as a whole, earnings are forecast to peak at \$610 million in 1987, roughly 15 percent of the region's 1978 total earnings of \$4.3 billion (1980 dollars), and about one-half peak earnings projected under Alternative 7, full deployment in Texas/New Mexico. Over the long run, M-X-related earnings would stabilize at almost \$120 million, roughly \$130 million less than long-run earnings forecast under Alternative 7.

Table 2.1-24 presents county level earnings forecast under the split deployment option. Base county and total ROI earnings are charted in Figure 2.1-5, and are compared to full-deployment earnings levels as well. Curry County would receive almost as much earnings stimulus as under full deployment (refer again to Table 2.1-22). The only non-base counties expected to receive long-run earnings growth are those with metropolitan areas, particularly Lubbock, Potter, Randall and Roosevelt counties. These counties also would experience significant earnings growth over the short run as well. Designated deployment area counties include Dallam, Deaf Smith, Hartley, Chaves, Harding and Quay, and all would undergo significant boom-type stress.

Curry County is forecast to receive virtually all long run earnings growth in the ROI under split deployment. The long-run M-X-related earnings figure of \$101 million in the county in 1992 is about 85 percent of the regional total in this year. Over the construction build-up phase, county earnings are forecast to peak at \$219 million, 85 percent of peak earnings forecast in Curry County under Alternative 7, for full deployment.

PUBLIC FINANCE

This section presents the aggregate revenue and expenditure estimates for all local governments (county, cities, school districts, special districts) within the Texas/New Mexico deployment region for Alternative 7 and the split deployment alternative. Education related effects are also presented separately as these effects constitute the major portion of the effects presented in the aggregate local government analysis. In addition, peak year and long-term capital expenditure requirements are presented.

Local governments in the deployment region are anticipated to experience varying levels of deficits through the early phases of the project. However, as the tax base expands and the temporary construction work force leaves the area, local government budget levels in the long term will begin to stabilize near balanced levels. Tables 2.1-25 and 2.1-26 present the aggregate expenditure and revenue levels of all local governments within a county area under the low baseline scenario (trend growth baseline) for Alternative 7 and the split deployment scenario.

Under Alternative 7, approximately 43.1 percent of the deployment region peak year expenditures attributable to M-X (\$62.5 million in 1987) can be accounted for by the county areas where operating bases are proposed (Curry, Dallam, and Hartley). Under the split deployment alternative, peak year expenditures are reduced to approximately \$35.4 million, 56.6 percent of the estimated levels under Alternative 7.

County areas are anticipated to experience little or no long-term growth due to M-X but those associated with DDA facility construction, would experience rapid

Page 11 of 15. NW County CO

UB-120-1E 53,4315 001 336x5

Table 2.1-24. Page 1 of 33

MAN-RELATED EARNINGS BY COUNTY OF WORK, IN MILLIONS OF FY 1980 DOLLARS

AD-A095 773

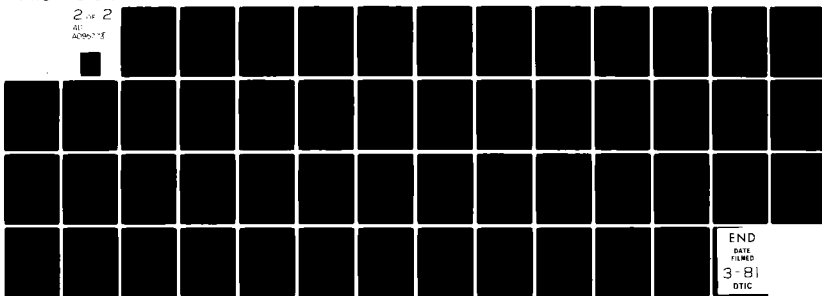
HENNINGSON DURHAM AND RICHARDSON SANTA BARBARA CA F/6 16/1
M-X ENVIRONMENTAL TECHNICAL REPORT. ALTERNATIVE POTENTIAL DEPLO--ETC(U)
DEC 80 F04704-78-C-0029
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2 of 2

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Table 2.1-24. (Page 2 of 3)

LAMB	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
LUBBOCK	DIRECT INDIRECT TOTAL	0 1 1	0 3 3	0 4 4	0 11 11	0 19 19	0 22 22	0 20 20	0 15 15	0 4 4
MORME	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 1 1	0 1 1	0 1 1	0 0 0	0 0 0
O'DWYAN	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
PARNER	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
POTTER/HANDALL	DIRECT INDIRECT TOTAL	0 1 1	0 2 2	0 4 4	- 7 7	0 14 14	0 22 22	0 27 27	0 22 22	0 4 4
SHERMAN	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
SWISHER	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
CHAVES	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	13 13 13	13 6 21	79 5 83	59 4 64	0 1 1
CURRY	DIRECT INDIRECT TOTAL	0 3 3	14 11 20	79 27 107	131 44 176	154 61 215	143 72 217	119 70 190	133 60 194	83 17 101
DE BACA	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
HARDING¹	DIRECT INDIRECT TOTAL	0 0 0	0 0 0	0 0 0	10 0 10	68 1 69	78 79 79	9 0 9	0 0 0	0 0 0

Table 2.1-24. (Page 3 of 3)

[illegible]

BASE COUNTY AND TOTAL ROI EARNINGS, TEXAS/NEW MEXICO

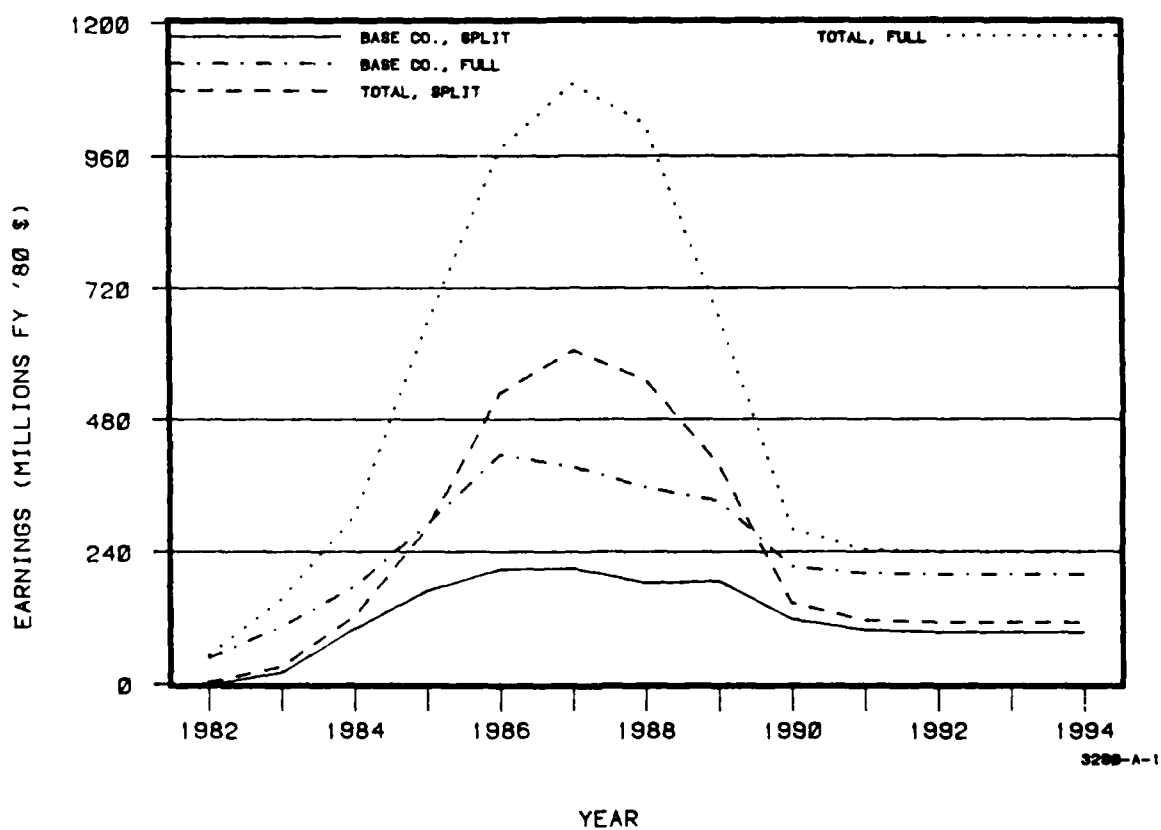


Figure 2.1-5.

Table 2.1-25. (Page 1 of 6)

LOCAL GOVERNMENT REVENUES, EXPENDITURES, AND NET IMPACTS (THOUSANDS FY 1980 \$) (1) BASELINE LHM

ALTERNATIVE 7		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BAILLEY														
REVENUES														
WITHOUT MI	4332	4248	4283	4303	4313	4328	4343	4358	4373	4388	4390	4390	4390	4390
WITH MI	4252	4248	4271	4266	4263	4261	4254	4243	4229	4214	4201	4186	4170	4154
DIFFERENCE	0	0	27	47	50	52	89	115	144	174	189	204	220	236
PCT DIFF	0.00	0.00	0.13	0.34	0.34	0.34	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
EXPENDITURES														
WITHOUT MI	4242	4277	4292	4314	4322	4332	4352	4367	4382	4397	4409	4424	4439	4454
WITH MI	4242	4277	4304	4304	4304	4304	4304	4304	4304	4304	4304	4304	4304	4304
DIFFERENCE	0	0	14	10	18	28	48	63	78	93	105	120	135	150
PCT DIFF	0.00	0.00	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
MI INDUCED	0	0	-4	-149	-158	-224	-140	-196	-26	1	0	0	0	0
NET IMPACT														
CASTRO														
REVENUES														
WITHOUT MI	7934	7944	7994	8021	8044	8144	8204	8244	8284	8324	8364	8404	8444	8484
WITH MI	7934	7944	7994	8021	8044	8144	8204	8244	8284	8324	8364	8404	8444	8484
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
EXPENDITURES														
WITHOUT MI	7945	7976	8004	8043	8096	8156	8216	8276	8336	8396	8456	8516	8576	8636
WITH MI	7945	7976	8004	8043	8096	8156	8216	8276	8336	8396	8456	8516	8576	8636
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
MI INDUCED	0	0	0	-10	-49	-50	-39	-32	13	0	0	0	0	0
NET IMPACT														
COCHRAN														
REVENUES														
WITHOUT MI	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903
WITH MI	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903	3903
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MI	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
WITH MI	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MI INDUCED	0	0	0	-12	-16	-14	9	17	2	0	0	0	0	0
NET IMPACT														
DALLAN														
REVENUES														
WITHOUT MI	4612	4644	4720	4780	4838	4881	4935	4989	5030	5070	5124	5178	5232	5286
WITH MI	4612	4644	4685	4780	4838	4881	4935	4989	5030	5070	5124	5178	5232	5286
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MI	4811	4847	4922	4996	5035	5092	5148	5204	5267	5329	5395	5479	5533	5597
WITH MI	4811	4847	4922	4996	5035	5092	5148	5204	5267	5329	5395	5479	5533	5597
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MI INDUCED	0	0	0	-124	-700	-741	-284	-690	-635	-370	-179	-40	-90	-90
NET IMPACT														

Table 2.1-25. (Page 2 of 6)

DEAF SMITH														
REVENUES	14899	15093	15200	15312	15470	15635	15800	15963	16128	16296	16463	16632	16801	16971
WITH M1	14899	15093	15200	15312	15470	15635	15800	15963	16128	16296	16463	16632	16801	16971
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	15281	15388	15493	15610	15771	15939	16107	16276	16443	16612	16781	16950	17119	17289
WITH M1	15281	15388	15493	15610	15771	15939	16107	16276	16443	16612	16781	16950	17119	17289
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M1 INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALE														
REVENUES	28583	28883	29191	29499	29806	30114	30429	30732	31047	31465	31883	32298	32681	33061
WITH M1	28583	28883	29191	29499	29806	30114	30429	30732	31047	31465	31883	32298	32681	33061
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	28625	28925	29234	29542	29850	30158	30469	30779	31087	31395	31703	32011	32319	32627
WITH M1	28625	28925	29234	29542	29850	30158	30469	30779	31087	31395	31703	32011	32319	32627
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M1 INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARTLEY														
REVENUES	1847	1889	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	2373
WITH M1	1847	1889	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	2373
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	1847	1889	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	2373
WITH M1	1847	1889	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	2373
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M1 INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOCKLEY														
REVENUES	16311	16401	16491	16581	16671	16761	16851	16941	17031	17121	17211	17301	17391	17481
WITH M1	16311	16401	16491	16581	16671	16761	16851	16941	17031	17121	17211	17301	17391	17481
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	16334	16425	16515	16605	16695	16785	16875	16965	17055	17145	17235	17325	17415	17505
WITH M1	16334	16425	16515	16605	16695	16785	16875	16965	17055	17145	17235	17325	17415	17505
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M1 INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAMB														
REVENUES	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040
WITH M1	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040	13040

Table 2.1-25. (Page 3 of 6)

[illegible]

Table 2.1-25. (Page 4 of 6)

POTTER/RANDALL														
REVENUES	134348	134196	137874	137589	141205	142837	144501	144198	147927	149688	151481	152307	155165	
WITHOUT MI	134348	134196	137874	141205	142837	144501	144198	147927	149688	151481	152307	155165		
WITH MI	134348	134196	137874	141205	142837	144501	144198	147927	149688	151481	152307	155165		
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0		
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0		
EXPENDITURES	133032	134642	136323	136017	139614	141228	142521	142640	146002	147725	151380	152188		
WITHOUT MI	133032	134642	136323	136017	139614	141228	142521	142640	146002	147725	151380	152188		
WITH MI	133032	134642	136323	136017	139614	141228	142521	142640	146002	147725	151380	152188		
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0		
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0		
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0		
NET IMPACT	0	-40	-197	-843	-2011	-1888	-483	1061	1341	232	-64	-69	-67	
BRIDGES														
REVENUES	2875	2890	2903	2920	2935	2950	2965	2980	3002	3025	3035	3085	3115	
WITHOUT MI	2875	2890	2903	2920	2935	2950	2965	2980	3002	3025	3035	3085	3115	
WITH MI	2875	2890	2903	2920	2935	2950	2965	2980	3002	3025	3035	3085	3115	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXPENDITURES	2879	2894	2909	2924	2939	2954	2969	2984	3007	3029	3039	3089	3120	
WITHOUT MI	2879	2894	2909	2924	2939	2954	2969	2984	3007	3029	3039	3089	3120	
WITH MI	2879	2894	2909	2924	2939	2954	2969	2984	3007	3029	3039	3089	3120	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	-3	-11	-75	-133	-24	121	36	0	0	0	
RAILROAD														
REVENUES	7934	7944	7994	8031	8084	8144	8204	8264	8324	8414	8504	8594	8684	
WITHOUT MI	7934	7944	7994	8031	8084	8144	8204	8264	8324	8414	8504	8594	8684	
WITH MI	7934	7944	7994	8031	8084	8144	8204	8264	8324	8414	8504	8594	8684	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXPENDITURES	7945	7974	8004	8043	8096	8156	8216	8276	8336	8427	8517	8607	8697	
WITHOUT MI	7945	7974	8004	8043	8096	8156	8216	8276	8336	8427	8517	8607	8697	
WITH MI	7945	7974	8004	8043	8096	8156	8216	8276	8336	8427	8517	8607	8697	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	-7	-20	-17	5	13	9	0	0	0	0	
CHURCH														
REVENUES	44289	45002	45720	46448	47122	47793	48472	49160	49855	50471	51098	51727	52345	
WITHOUT MI	44289	45002	45720	46448	47122	47793	48472	49160	49855	50471	51098	51727	52345	
WITH MI	44289	45002	45720	46448	47122	47793	48472	49160	49855	50471	51098	51727	52345	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXPENDITURES	44373	45289	46023	46765	47424	48099	48782	49474	50174	50800	51425	52038	52700	
WITHOUT MI	44373	45289	46023	46765	47424	48099	48782	49474	50174	50800	51425	52038	52700	
WITH MI	44373	45289	46023	46765	47424	48099	48782	49474	50174	50800	51425	52038	52700	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	-2	-407	-462	-267	87	36	0	0	0	0	0	
CURRY														
REVENUES	27640	27748	27837	27925	27937	27950	27963	27975	27994	27937	27887	27837	27786	
WITHOUT MI	27640	27748	27837	27925	27937	27950	27963	27975	27994	27937	27887	27837	27786	
WITH MI	27640	27748	27837	27925	27937	27950	27963	27975	27994	27937	27887	27837	27786	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXPENDITURES	2015	4725	3496	4086	4241	4242	4213	4343	4220	4194	4181	4104	4181	
WITHOUT MI	2015	4725	3496	4086	4241	4242	4213	4343	4220	4194	4181	4104	4181	
WITH MI	2015	4725	3496	4086	4241	4242	4213	4343	4220	4194	4181	4104	4181	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.1-25. (Page 5 of 6)

WITHOUT RE	20447	20338	20449	20740	20753	20764	20779	20792	20811	20753	20701	20649	20597
WITH RE	31080	34603	39422	42398	44483	45369	43667	42994	41485	41823	41371	41319	41268
DIFFERENCE	3413	6465	10773	14898	15642	14652	15097	12674	12674	12670	12670	12670	12671
PCT DIFF	9.18	21.17	37.40	31.70	34.37	30.77	35.43	29.33	43.49	44.07	44.15	44.23	44.31
RE INDUCED	-398	-1319	-1825	-1897	-1210	-311	162	1236	1534	1361	1361	1361	1361
NET IMPACT													
DE BACA													
REVENUES	1992	1992	1992	1992	1992	1994	1979	1979	1916	1916	1916	1916	1916
WITHOUT RE	1992	2008	2031	2034	2010	1991	1944	1940	1921	1916	1916	1916	1916
WITH RE	1992	2008	2031	2034	2010	1991	1944	1940	1921	1916	1916	1916	1916
DIFFERENCE	0	15	37	51	41	27	16	16	3	0	0	0	0
PCT DIFF	0.00	0.76	1.93	2.58	2.09	1.36	0.83	0.83	0.25	0.02	0.00	0.00	0.00
EXPENDITURES	1992	1992	1992	1992	1992	1994	1979	1979	1916	1916	1916	1916	1916
WITHOUT RE	1992	2008	2031	2034	2010	1991	1944	1940	1921	1916	1916	1916	1916
WITH RE	1992	2008	2031	2034	2010	1991	1944	1940	1921	1916	1916	1916	1916
DIFFERENCE	0	15	37	51	41	27	16	16	3	0	0	0	0
PCT DIFF	0.00	0.76	1.93	2.58	2.09	1.36	0.83	0.83	0.25	0.02	0.00	0.00	0.00
RE INDUCED	0	113	270	403	220	134	173	0.68	0.14	0.00	0.00	0.00	0.00
NET IMPACT	0	-8	-13	-19	-2	-2	-7	-1	2	0	0	0	0
HARDING													
REVENUES	803	789	774	766	743	728	713	697	682	651	621	590	552
WITHOUT RE	803	789	774	766	743	728	713	697	682	651	621	590	552
WITH RE	803	789	774	766	743	728	713	697	682	651	621	590	552
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES	803	789	774	766	743	728	713	697	682	651	621	590	552
WITHOUT RE	803	789	774	766	743	728	713	697	682	651	621	590	552
WITH RE	803	789	774	766	743	728	713	697	682	651	621	590	552
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RE INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0
BLAY													
REVENUES	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
WITHOUT RE	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
WITH RE	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
DIFFERENCE	0	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671
PCT DIFF	0.00	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71
EXPENDITURES	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
WITHOUT RE	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
WITH RE	8404	8421	8436	8432	8436	8421	8404	8370	8363	8344	8314	8483	8432
DIFFERENCE	0	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671	1671
PCT DIFF	0.00	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71
RE INDUCED	0	-292	-430	-278	238	-41	-9	23	1	0	0	0	0
NET IMPACT	0	-292	-430	-278	238	-41	-9	23	1	0	0	0	0
ROOSEVELT													
REVENUES	13738	13808	13837	13913	13973	14040	14106	14172	14247	14303	14371	14437	14504
WITHOUT RE	13738	13808	13837	13913	13973	14040	14106	14172	14247	14303	14371	14437	14504
WITH RE	13738	13808	13837	13913	13973	14040	14106	14172	14247	14303	14371	14437	14504
DIFFERENCE	119	344	974	2481	3333	3915	4635	5292	5796	6344	6944	7594	8294
PCT DIFF	0.87	2.49	7.03	17.42	23.44	27.69	32.86	37.27	41.27	44.91	48.44	51.83	55.13
EXPENDITURES	13844	13894	13944	14004	14063	14120	14176	14233	14290	14346	14403	14460	14516
WITHOUT RE	13844	13894	13944	14004	14063	14120	14176	14233	14290	14346	14403	14460	14516
WITH RE	13844	13894	13944	14004	14063	14120	14176	14233	14290	14346	14403	14460	14516
DIFFERENCE	172	433	1188	3491	3824	4138	4420	4676	4916	5144	5368	5588	5804
PCT DIFF	1.24	3.24	8.52	24.44	27.40	29.43	31.24	32.86	34.34	35.76	37.16	38.54	39.84
RE INDUCED	-52	-109	-214	-470	-244	-243	-295	-126	-47	-40	-40	-41	-41
NET IMPACT	-52	-109	-214	-470	-244	-243	-295	-126	-47	-40	-40	-41	-41

Table 2.1-25. (Page 6 of 6)

UNION														
REVENUES														
WITHOUT MI	3717	3701	3686	3678	3686	3701	3717	3732	3735	3735	3735	3735	3735	3735
WITH MI	3717	3701	3686	3678	3710	3748	3703	3780	3742	3745	3745	3745	3745	3745
DIFFERENCE	0	0	0	0	24	47	87	48	7	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.66	1.81	2.34	1.29	0.19	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MI	3717	3701	3686	3678	3686	3701	3717	3732	3735	3735	3735	3735	3735	3735
WITH MI	3717	3701	3686	3678	3723	3784	3727	3779	3755	3745	3745	3745	3745	3745
DIFFERENCE	0	0	0	0	37	83	110	47	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	1.00	2.50	2.97	1.26	0.00	0.00	0.00	0.00	0.00	0.00
MI INDUCED	0	0	0	0	-13	-25	-25	1	7	0	0	0	0	0
NET IMPACT	0	0	0	0	-13	-25	-25	1	7	0	0	0	0	0
REGIONAL TOTAL														
REVENUES														
WITHOUT MI	542353	548113	553970	559959	565186	570560	576007	581327	587189	592915	598763	604606	610478	616378
WITH MI	544487	554690	560871	568166	575004	581844	588710	595608	602525	609461	616418	623393	630381	637381
DIFFERENCE	2134	6577	6901	8207	9818	1384	2703	4281	5336	6546	7655	8787	9903	10999
PCT DIFF	0.39	1.20	1.25	1.47	1.73	2.43	4.70	7.37	9.10	11.03	12.79	14.53	16.29	18.02
EXPENDITURES														
WITHOUT MI	540640	546393	552207	558161	564337	569700	576116	582634	589224	595927	602741	609584	616464	623384
WITH MI	542884	548752	554722	560812	567019	573344	579787	586349	593026	599718	606426	613159	620009	626877
DIFFERENCE	2244	5359	6515	8651	11882	16444	23721	4215	6802	10000	13745	16745	20425	25141
PCT DIFF	0.41	0.98	1.18	1.53	2.10	2.89	4.19	7.24	11.55	16.70	24.47	27.47	33.77	40.62
MI INDUCED	-650	-1770	-3064	-6404	-7589	-9017	-9953	-5519	-6214	-5905	-1675	-1598	-1494	-1494
NET IMPACT	-650	-1770	-3064	-6404	-7589	-9017	-9953	-5519	-6214	-5905	-1675	-1598	-1494	-1494

SOURCE: FOR SCIENCES
 (1) ESTIMATES REFLECT AGGREGATE REVENUES AND EXPENDITURES FOR ALL LOCAL GOVERNMENTAL UNITS (COUNTIES, CITIES, TOWNS, DISTRICTS, SPECIAL DISTRICTS) WITHIN THE COUNTY

Table 2.1-26. (Page 1 of 6)

LOCAL GOVERNMENT REVENUES, EXPENDITURES, AND NET IMPACTS (THOUSANDS FY 1980 \$) (1) BASELINE LOW

ALTERNATIVE B1	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BALILEY													
REVENUES	6332	6348	6383	6303	6313	6328	6343	6358	6373	6380	6390	6390	6390
WITHOUT MI	6332	6348	6383	6303	6313	6328	6343	6358	6373	6380	6390	6390	6390
WITH MI	6332	6348	6383	6303	6313	6328	6343	6358	6373	6380	6390	6390	6390
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	6342	6377	6392	6314	6322	6337	6352	6367	6382	6389	6399	6399	6399
WITHOUT MI	6342	6377	6392	6314	6322	6337	6352	6367	6382	6389	6399	6399	6399
WITH MI	6342	6377	6392	6314	6322	6337	6352	6367	6382	6389	6399	6399	6399
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	-16	-73	-73	30	31	23	1	0	0	0
CABRERO													
REVENUES	7924	7944	7994	8031	8084	8144	8204	8264	8324	8374	8424	8474	8524
WITHOUT MI	7924	7944	7994	8031	8084	8144	8204	8264	8324	8374	8424	8474	8524
WITH MI	7924	7944	7994	8031	8084	8144	8204	8264	8324	8374	8424	8474	8524
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	7945	7976	8006	8043	8096	8156	8216	8276	8336	8396	8456	8516	8576
WITHOUT MI	7945	7976	8006	8043	8096	8156	8216	8276	8336	8396	8456	8516	8576
WITH MI	7945	7976	8006	8043	8096	8156	8216	8276	8336	8396	8456	8516	8576
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	-16	-56	-7	39	13	0	0	0	0
COCORAN													
REVENUES	3703	3703	3703	3703	3703	3703	3703	3703	3703	3726	3726	3786	4016
WITHOUT MI	3703	3703	3703	3703	3703	3703	3703	3703	3703	3726	3726	3786	4016
WITH MI	3703	3703	3703	3703	3703	3703	3703	3703	3703	3726	3726	3786	4016
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	3709	3709	3709	3709	3709	3709	3709	3709	3709	3731	3731	3792	4022
WITHOUT MI	3709	3709	3709	3709	3709	3709	3709	3709	3709	3731	3731	3792	4022
WITH MI	3709	3709	3709	3709	3709	3709	3709	3709	3709	3731	3731	3792	4022
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	-4	-26	-8	16	10	0	0	0	0	0
DALLAM													
REVENUES	4612	4644	4720	4780	4828	4881	4935	4989	5050	5124	5203	5283	5376
WITHOUT MI	4612	4644	4720	4780	4828	4881	4935	4989	5050	5124	5203	5283	5376
WITH MI	4612	4644	4720	4780	4828	4881	4935	4989	5050	5124	5203	5283	5376
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES	4811	4867	4923	4986	5035	5092	5140	5204	5267	5345	5429	5513	5597
WITHOUT MI	4811	4867	4923	4986	5035	5092	5140	5204	5267	5345	5429	5513	5597
WITH MI	4811	4867	4923	4986	5035	5092	5140	5204	5267	5345	5429	5513	5597
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	-48	-230	-390	-284	-302	5	0	0	0

Table 2.1-26. (Page 2 of 6)

DEAF SMITH														
REVENUES	14989	15095	15200	15312	15470	15635	15800	15965	16138	16326	16521	16716	16911	
WITH MI	14989	15095	15209	16086	17003	16290	16066	16031	16140	16326	16521	16716	16911	
WITHOUT MI	0	0	0	774	1535	635	266	85	2	0	0	0	0	
DIFFERENCE	0	0	10	812	5468	15655	15800	15946	16138	16326	16521	16716	16911	
PCT DIFF	0	0	0.06	5.06	9.92	4.19	1.69	0.53	0.01	0.00	0.00	0.00	0.00	
EXPENDITURES														
WITH MI	15281	15388	15495	15610	15771	15939	16107	16276	16452	16643	16842	17041	17240	
WITHOUT MI	15281	15388	15510	16738	17630	16327	16337	16282	16452	16643	16842	17041	17240	
DIFFERENCE	0	0	14	1128	1859	380	279	6	0	0	0	0	0	
PCT DIFF	0	0	0.09	7.23	11.79	2.43	1.42	0.04	0.00	0.00	0.00	0.00	0.00	
MI INDUCED	0	0	0	354	-324	267	37	79	2	0	0	0	0	
NET IMPACT	0	0	-5	354	-324	267	37	79	2	0	0	0	0	
HALE														
REVENUES	28587	28883	29191	29499	29806	30114	30429	30742	31047	31465	31843	32248	32681	
WITH MI	28587	28883	29191	29499	29806	30114	30429	30742	31047	31465	31843	32248	32681	
WITHOUT MI	0	0	0	0	0	48	44	8	0	0	0	0	0	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.16	0.14	0.03	0.00	0.00	0.00	0.00	0.00	
EXPENDITURES														
WITH MI	28625	28925	29234	29542	29850	30158	30474	30797	31113	31511	31910	32314	32722	
WITHOUT MI	28625	28925	29234	29542	29850	30158	30474	30797	31113	31511	31910	32314	32722	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	0	0	-37	21	8	0	0	0	0	0	
HARTLEY														
REVENUES	1847	1888	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	
WITH MI	1847	1888	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	
WITHOUT MI	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EXPENDITURES														
WITH MI	1847	1888	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	
WITHOUT MI	1847	1888	1928	1969	2009	2050	2090	2131	2171	2212	2252	2293	2333	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	
MOCKLEY														
REVENUES	16311	16401	16491	16581	16656	16731	16806	16881	16964	17041	17166	17271	17376	
WITH MI	16311	16401	16491	16581	16656	16731	16806	16881	16964	17041	17166	17271	17376	
WITHOUT MI	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EXPENDITURES														
WITH MI	16334	16425	16515	16605	16680	16755	16831	16906	16988	17086	17191	17297	17402	
WITHOUT MI	16334	16425	16515	16605	16680	16755	16831	16906	16988	17086	17191	17297	17402	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAMB														
REVENUES	13040	13040	13040	13040	13038	13023	13008	12993	12978	12985	12985	12985	12985	
WITH MI	13040	13040	13040	13040	13038	13023	13008	12993	12978	12985	12985	12985	12985	
WITHOUT MI	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCT DIFF	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
EXPENDITURES														

Table 2.1-26. (Page 3 of 6)

WITHOUT MI WITH MI	13080	13080	13080	13037	13042	13027	13012	12997	13004	13004	13004	13004	13004	13004
	0	0	0	0	118	13093	13012	12997	13004	0	0	0	0	0
	0	0	0	0	40	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED														
NET IMPACT														
LUMBOCK														
REVENUES														
WITHOUT MI	177932	180449	183046	187764	187903	192070	194240	196473	198703	200937	203235	205530	207828	210130
WITH MI	177932	180449	183046	187764	187903	192070	194240	196473	198703	200937	203235	205530	207828	210130
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES														
WITHOUT MI	173928	178436	180984	183649	187766	187907	192071	194260	196463	198674	200746	202826	204946	207023
WITH MI	173928	178436	180984	183649	187766	187907	192071	194260	196463	198674	200746	202826	204946	207023
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED														
NET IMPACT														
ROUSE														
REVENUES														
WITHOUT MI	10944	11011	11076	11109	11141	11262	11342	11603	11477	11552	11637	11702	11767	11832
WITH MI	10944	11011	11076	11109	11141	11262	11342	11603	11477	11552	11637	11702	11767	11832
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES														
WITHOUT MI	10982	11027	11073	11125	11178	11298	11358	11418	11493	11569	11644	11719	11794	11869
WITH MI	10982	11027	11073	11125	11178	11298	11358	11418	11493	11569	11644	11719	11794	11869
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED														
NET IMPACT														
CL DRAIN														
REVENUE														
WITHOUT MI	2044	2044	2079	2094	2124	2184	2214	2232	2289	2334	2379	2424	2469	2514
WITH MI	2044	2044	2079	2094	2124	2184	2214	2232	2289	2334	2379	2424	2469	2514
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES														
WITHOUT MI	2032	2067	2082	2097	2127	2187	2218	2235	2293	2338	2383	2428	2473	2518
WITH MI	2032	2067	2082	2101	2158	2205	2221	2235	2293	2338	2383	2428	2473	2518
DIFFERENCE	0	0	0	3	38	41	7	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	1.30	1.89	0.74	0	0	0	0	0	0	0
MI INDUCED														
NET IMPACT														
PARMER														
REVENUES														
WITHOUT MI	7731	7731	7731	7739	7734	7769	7784	7806	7837	7819	7779	7839	7858	7909
WITH MI	7731	7731	7731	7747	7776	7793	7797	7809	7832	7819	7779	7839	7858	7909
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES														
WITHOUT MI	7743	7743	7743	7750	7763	7780	7795	7818	7870	7830	7771	7831	7851	8031
WITH MI	7743	7743	7743	7764	7793	7807	7802	7818	7870	7830	7771	7831	7851	8031
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MI INDUCED														
NET IMPACT														

Table 2.1-26. (page 4 of 6)

[illegible]

Table 2.1-26. (Page 5 of 6)

WITHOUT MI WITH MI DIFFERENCE MI INDUCED NET IMPACT	28467	28358	28649	28740	28753	28766	28779	28792	28811	28753	28701	28649	28597
	30985	34280	38979	42409	43357	42764	43398	42643	41313	41251	41200	41148	41076
	2317	5902	10330	12670	14804	15018	15318	12851	12302	12240	12188	12136	12064
	8 84	19 97	36 06	47 56	51 49	48 73	51 49	48 11	43 39	43 47	43 53	43 63	43 71
	-580	-1220	-1448	-1537	-1056	-236	208	1310	1512	1356	1356	1356	1356
DE BACA													
WITHOUT MI WITH MI DIFFERENCE PCT DIFF EXPENDITURES WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	1992	1992	1992	1992	1969	1954	1939	1923	1916	1916	1916	1916	1916
	1992	1992	1992	1992	1978	1980	1999	1978	1935	1918	1916	1916	1916
	0 00	0 00	0 00	0 10	0 46	1 35	3 13	2 84	0 98	0 12	0 01	0 00	0 00
	1992	1992	1992	1992	1969	1954	1939	1923	1916	1916	1916	1916	1916
	1992	1992	1992	1992	1978	1980	1999	1978	1935	1918	1916	1916	1916
WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	0 00	0 00	0 00	0 14	0 66	1 89	4 27	3 31	0 71	0 01	0 00	0 00	0 00
	0 00	0 00	0 00	0 14	0 66	1 89	4 27	3 31	0 71	0 01	0 00	0 00	0 00
	0 00	0 00	0 00	0 14	0 66	1 89	4 27	3 31	0 71	0 01	0 00	0 00	0 00
	0 00	0 00	0 00	0 14	0 66	1 89	4 27	3 31	0 71	0 01	0 00	0 00	0 00
	0 00	0 00	0 00	0 14	0 66	1 89	4 27	3 31	0 71	0 01	0 00	0 00	0 00
HARDING													
WITHOUT MI WITH MI DIFFERENCE PCT DIFF EXPENDITURES WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	805	789	774	746	743	728	713	697	682	651	621	590	559
	805	789	774	746	743	728	713	697	682	651	621	590	559
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
	805	789	774	746	743	728	713	697	682	651	621	590	559
	805	789	774	746	743	728	713	697	682	651	621	590	559
WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 11	0 11	0 00	0 00	0 00	0 00
QUAY													
WITHOUT MI WITH MI DIFFERENCE PCT DIFF EXPENDITURES WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	8606	8621	8636	8652	8636	8621	8606	8590	8583	8544	8514	8483	8452
	8606	8621	8636	8652	8636	8621	8606	8590	8583	8544	8514	8483	8452
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
	8606	8621	8636	8652	8636	8621	8606	8590	8583	8544	8514	8483	8452
	8606	8621	8636	8652	8636	8621	8606	8590	8583	8544	8514	8483	8452
WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
	0 00	0 00	0 00	0 11	0 11	0 11	0 11	0 03	0 00	0 00	0 00	0 00	0 00
ROOSEVELT													
WITHOUT MI WITH MI DIFFERENCE PCT DIFF EXPENDITURES WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	13728	13608	13637	13915	13973	14040	14106	14172	14267	14203	14371	14537	14594
	13728	13608	13637	13915	13973	14040	14106	14172	14267	14203	14371	14537	14594
	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47
	13728	13608	13637	13915	13973	14040	14106	14172	14267	14203	14371	14537	14594
	13728	13608	13637	13915	13973	14040	14106	14172	14267	14203	14371	14537	14594
WITHOUT MI WITH MI DIFFERENCE PCT DIFF NET IMPACT	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47
	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47
	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47
	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47
	0 81	0 21	0 48	6 26	15 05	26 00	34 21	8 59	4 77	3 80	1 41	3 48	3 47

Table 2.1-26. (Page 6 of 6)

UNION																			
REVENUES																			
WITHOUT MI	3717	3701	3686	3678	3686	3701	3717	3732	3733	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
WITH MI	3717	3701	3686	3678	3686	3701	3717	3732	3733	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES																			
WITHOUT MI	3717	3701	3686	3678	3686	3701	3717	3732	3733	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
WITH MI	3717	3701	3686	3678	3686	3701	3717	3732	3733	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT DIFF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MI INDUCED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NET IMPACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGIONAL TOTAL																			
REVENUES																			
WITHOUT MI	542353	548113	553970	559939	565186	570560	576007	581527	587183	592917	598763	604686	610678	616743	622893	629127	635441	641835	648308
WITH MI	54402	552700	563329	574061	585883	597811	609843	621975	634107	646239	658371	670503	682635	694767	706899	719031	731163	743295	755427
DIFFERENCE	26749	275887	293659	314122	326697	337251	348136	356252	364924	373132	380814	388417	396064	403724	411376	419028	426672	434316	441969
PCT DIFF	0.38	0.87	1.74	2.93	4.93	5.81	5.61	4.27	2.83	2.48	2.43	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
EXPENDITURES																			
WITHOUT MI	540640	546385	552207	558161	564211	570360	576607	582952	589397	595942	602587	609332	616077	622922	629767	636712	643657	650602	657547
WITH MI	543239	552486	563611	574736	585861	596986	608111	619236	630361	641486	652611	663736	674861	685986	697111	708236	719361	730486	741611
DIFFERENCE	26799	6091	11404	19455	31650	43226	54449	65675	76885	88095	99305	110515	121725	132935	144145	155355	166565	177775	188985
PCT DIFF	0.30	1.12	2.07	3.48	5.77	7.57	9.45	11.32	13.19	15.06	16.93	18.80	20.67	22.54	24.41	26.28	28.15	30.02	31.89
MI INDUCED	-630	-1314	-1777	-3064	-4347	-5630	-6913	-8196	-9479	-10762	-12045	-13328	-14611	-15894	-17177	-18460	-19743	-21026	-22309
NET IMPACT	-630	-1314	-1777	-3064	-4347	-5630	-6913	-8196	-9479	-10762	-12045	-13328	-14611	-15894	-17177	-18460	-19743	-21026	-22309
SOURCE FOR REVENUES																			
(1) ESTIMATES REFLECT AGGREGATE REVENUES AND EXPENDITURES FOR ALL LOCAL GOVERNMENTAL UNITS (COUNTIES, CITIES, TOWNS, VILLAGES, SPECIAL DISTRICTS) WITHIN THE COUNTY																			

short-term growth. While the number of county areas affected under split deployment is less than under the full deployment alternative, Quay, Roosevelt, Harding, and Deaf Smith counties will experience impacts similar to those under Alternative 7. The potential for service level degradation in these areas is quite high; substantial aid would be required to prevent service levels from deteriorating to unacceptable levels. No significant adverse effects are anticipated in the long-term for any of the potentially affected county areas. However, the expenditure level in Curry County in the long-term would be approximately 44 percent greater than expenditure levels experienced under baseline conditions under both alternatives.

The effects on school districts follow similar patterns. Under Alternative 7 in-migration of new pupils in the deployment region as a whole will increase local education expenditures by approximately \$41.4 million by the peak year of 1987 (Table 2.1-27). This represents a 12 percent increase over baseline expenditure levels in the region as a whole. Local effects, however, are more serious when compared to baseline levels. Bailey, Dallam, Hartley, Moore, Parmer, Curry, Harding, and Roosevelt counties will all experience significant increases in education-related expenditures in the peak years. With the possibility of local districts not being able to recruit the necessary staff to maintain acceptable student-teacher ratios, these peak year expenditure estimates could be reduced. Under the split deployment alternative, peak year (1987) educational related expenditure are reduced to approximately \$24.3 million in the deployment areas as a whole (Table 2.1-28). Local districts in the county areas mentioned above will also experience varying levels of impacts particularly during the peak year construction period.

Capital investment requirements in the Texas/New Mexico deployment region under Alternative 7 and the split deployment alternative area presented in Tables 2.1-29 and 2.1-30. Information is provided for long term demands, peak year requirements and annual investment required to satisfy long term needs. Total investment requirements are differentiated by type of indebtedness required--general obligation bond items, revenue bond items and school bond items.

Long term capital expenditure requirements under Alternative 7 for the Texas/New Mexico region total \$76.9 million (Table 2.1-29). About 59 percent of the total requirements are for school expenditures. Similar patterns hold for peak year expenditures. School expenditure requirement represent approximately 46 percent of the \$263.4 million of total peak year capital expenditures. However, use of temporary facilities and/or other mitigative measures such as double sessions could reduce these costs substantially.

Within the Texas/New Mexico region, the operating base county locations are expected to constitute the majority of long term capital expenditures. Under Alternative 7 the operating base counties of Curry and Hartley represent approximately 73 percent of total capital outlays in the long-term. In the peak year, however, the counties where DDA facilities are proposed represent the majority of the \$263.4 of total capital expenditures (66.7 percent). These peak year demands, however, could be met by temporary facilities with a concurrent reduction in the peak year capital requirements.

Total long-term capital expenditures in the region under split deployment are \$38.4 million (Table 2.1-30), approximately 50 percent of total outlays under

Table 2.1-27. (Page 1 of 7)

SOUTH DISTRICT REVENUES, EXPENDITURES, AND NET IMPACTS (THOUSANDS FY 1987 \$) (1) BASELINE: LOW

ALTERNATIVE 7

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
HALL													
REVENUES													
ALL OUT MK	3757.	3776.	3785.	3798.	3803.	3812.	3821.	3830.	3839.	3841.	3843.	3841.	3843.
ALL IN MK	3757.	3776.	3789.	4057.	4317.	4896.	1597.	4054.	3861.	3843.	3843.	3843.	3843.
P.L. R71	0.	0.	0.	75.	136.	232.	106.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	183.	261.	590.	274.	33.	22.	1.	0.	0.	0.
LOCAL	0.	0.	0.	1.	148.	172.	346.	191.	1.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	259.	515.	394.	776.	224.	22.	1.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.12	6.81	13.53	26.38	20.32	5.85	0.58	0.02	0.00	0.00	0.00
EXPENDITURES													
ALL OUT MK	3827.	3836.	3845.	3859.	3864.	3873.	3882.	3891.	3901.	3905.	3905.	3905.	3905.
ALL IN MK	3827.	3836.	3853.	4207.	4406.	4956.	4423.	3932.	3902.	3905.	3905.	3905.	3905.
DIFFERENCE	0.	0.	7.	348.	542.	1083.	541.	41.	2.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.18	9.02	14.04	27.97	13.93	1.04	0.05	0.00	0.00	0.00	0.00
NET IMPACT													
NET IMPACT	0.	0.	-2.	-89.	-28.	-89.	235.	184.	20.	1.	0.	0.	0.
CASTRO													
REVENUES													
ALL OUT MK	4779.	4798.	4816.	4838.	4870.	4906.	4942.	4978.	5015.	5060.	5105.	5150.	5195.
ALL IN MK	4779.	4798.	4816.	4845.	4922.	5038.	5088.	5028.	5026.	5060.	5105.	5150.	5195.
P.L. R71	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	7.	50.	74.	38.	11.	0.	0.	0.	0.
LOCAL	0.	0.	0.	7.	55.	82.	41.	12.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	7.	62.	132.	116.	50.	11.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.14	1.27	2.68	2.34	1.00	0.22	0.00	0.00	0.00	0.00
EXPENDITURES													
ALL OUT MK	4956.	4875.	4893.	4916.	4948.	4985.	5022.	5058.	5095.	5141.	5187.	5233.	5279.
ALL IN MK	4956.	4875.	4893.	4928.	5042.	5124.	5092.	5080.	5095.	5141.	5187.	5233.	5279.
DIFFERENCE	0.	0.	0.	12.	94.	140.	71.	21.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.25	1.89	2.80	1.41	0.42	0.00	0.00	0.00	0.00	0.00
NET IMPACT													
NET IMPACT	0.	0.	0.	-6.	-37.	-8.	45.	29.	11.	0.	0.	0.	0.
CUCURAN													
REVENUES													
ALL OUT MK	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.
ALL IN MK	2351.	2351.	2351.	2360.	2378.	2394.	2397.	2367.	2352.	2365.	2383.	2401.	2419.
P.L. R71	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	8.	17.	21.	14.	1.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	19.	26.	16.	1.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	27.	43.	39.	16.	1.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.37	1.13	1.82	1.65	0.66	0.04	0.00	0.00	0.00	0.00
EXPENDITURES													
ALL OUT MK	2423.	2409.	2409.	2409.	2409.	2409.	2409.	2389.	2389.	2403.	2421.	2440.	2459.
ALL IN MK	2423.	2409.	2409.	2403.	2421.	2431.	2416.	2391.	2389.	2403.	2421.	2440.	2459.
DIFFERENCE	0.	0.	0.	14.	37.	44.	27.	2.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.59	1.53	1.85	1.11	0.07	0.00	0.00	0.00	0.00	0.00
NET IMPACT													
NET IMPACT	0.	0.	0.	-5.	-9.	-1.	11.	14.	1.	0.	0.	0.	0.
OSUNA													
ALL OUT MK	3427.	3433.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.
ALL IN MK	3427.	3433.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.	3437.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NET IMPACT													
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Table 2.1-27. (Page 2 of 7)

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	334
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Table 2.1-27. (Page 3 of 7)

[illegible]

Table 2.1-27. (Page 4 of 7)

OLIHAN														
REVENUES														
LOCAL	0.	0.	0.	29.	181.	396.	557.	627.	435.	327.	327.	327.	326.	
DIFFERENCE	0.	0.	0.	29.	393.	1072.	1565.	1437.	1041.	831.	799.	799.	797.	
PCT. DIFF.	0.00	0.00	0.00	0.43	5.85	15.86	23.02	21.04	15.15	12.01	11.48	11.39	11.31	
EXPENDITURES														
WITHOUT MX	6712.	6740.	6769.	6800.	6832.	6869.	6905.	6942.	6979.	7025.	7071.	7117.	7163.	
WITH MX	6712.	6740.	6768.	6799.	6830.	6867.	6901.	6931.	6965.	7005.	7037.	7083.	7029.	
DIFFERENCE	0.	0.	0.	49.	557.	1198.	1486.	1129.	726.	668.	666.	666.	666.	
PCT. DIFF.	0.00	0.00	0.00	0.73	8.15	17.44	21.52	16.26	10.41	9.51	9.42	9.36	9.30	
MX INDUCED	0.	0.	0.	-21.	-163.	-126.	78.	308.	314.	163.	133.	132.	131.	
NET IMPACT	0.	0.	0.	-21.	-163.	-126.	78.	308.	314.	163.	133.	132.	131.	
OLIHAN														
REVENUES														
WITHOUT MX	1234.	1243.	1253.	1262.	1280.	1298.	1316.	1334.	1357.	1379.	1406.	1433.	1461.	
WITH MX	1234.	1243.	1253.	1264.	1286.	1316.	1359.	1385.	1393.	1384.	1406.	1433.	1461.	
P.L. R74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
STATE	0.	0.	0.	0.	2.	4.	13.	27.	22.	5.	0.	0.	0.	
LOCAL	0.	0.	0.	2.	5.	14.	30.	24.	5.	0.	0.	0.	0.	
DIFFERENCE	0.	0.	0.	2.	6.	18.	43.	51.	27.	5.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	0.03	0.16	0.50	1.38	3.25	3.83	1.96	0.34	0.00	0.00	0.00	
EXPENDITURES														
WITHOUT MX	1254.	1263.	1273.	1282.	1300.	1319.	1337.	1355.	1378.	1401.	1429.	1456.	1484.	
WITH MX	1254.	1263.	1273.	1285.	1307.	1343.	1388.	1396.	1387.	1401.	1429.	1456.	1484.	
DIFFERENCE	0.	0.	0.	4.	7.	25.	51.	41.	9.	0.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	0.00	0.28	0.54	1.88	3.83	3.00	0.64	0.00	0.00	0.00	0.00	
MX INDUCED	0.	0.	0.	-1.	-1.	-7.	-8.	11.	18.	5.	0.	0.	0.	
NET IMPACT	0.	0.	0.	-1.	-1.	-7.	-8.	11.	18.	5.	0.	0.	0.	
PARKER														
REVENUES														
WITHOUT MX	4657.	4657.	4657.	4657.	4662.	4671.	4680.	4689.	4703.	4734.	4770.	4807.	4843.	
WITH MX	4657.	4657.	4718.	5201.	5899.	5433.	4835.	4701.	4705.	4734.	4770.	4807.	4843.	
P.L. R74	0.	0.	18.	169.	282.	87.	0.	0.	0.	0.	0.	0.	0.	
STATE	0.	0.	43.	406.	688.	228.	6.	10.	2.	0.	0.	0.	0.	
LOCAL	0.	0.	0.	28.	267.	447.	149.	12.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	0.	61.	603.	1237.	762.	155.	12.	2.	0.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	1.30	12.95	26.54	16.32	3.32	0.26	0.04	0.00	0.00	0.00	0.00	
EXPENDITURES														
WITHOUT MX	4732.	4732.	4732.	4732.	4737.	4746.	4755.	4764.	4778.	4810.	4847.	4884.	4921.	
WITH MX	4732.	4732.	4815.	5515.	6446.	5151.	4775.	4768.	4778.	4810.	4847.	4884.	4921.	
DIFFERENCE	0.	0.	83.	783.	1309.	405.	19.	4.	0.	0.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	1.75	16.54	27.64	8.53	0.41	0.07	0.00	0.00	0.00	0.00	0.00	
MX INDUCED	0.	0.	-22.	-170.	-72.	358.	136.	8.	2.	0.	0.	0.	0.	
NET IMPACT	0.	0.	-22.	-170.	-72.	358.	136.	8.	2.	0.	0.	0.	0.	
PITTSBURGH/DANIELL														
REVENUES														
WITHOUT MX	75355.	75228.	77168.	78127.	79031.	79945.	80876.	81826.	82793.	83779.	84783.	85805.	86845.	
WITH MX	75355.	75254.	77442.	79146.	80732.	86589.	82337.	87405.	85625.	85223.	85022.	87038.	88076.	
P.L. R74	0.	0.	0.	131.	617.	98.	912.	381.	80.	80.	80.	80.	80.	
STATE	0.	0.	23.	451.	1916.	3246.	3295.	2532.	1475.	784.	584.	579.	578.	
LOCAL	0.	0.	150.	478.	1167.	2400.	2596.	2596.	1276.	590.	575.	574.	572.	
DIFFERENCE	0.	0.	174.	1059.	3701.	6624.	7361.	5580.	2831.	1944.	1238.	1238.	1231.	
PCT. DIFF.	0.00	0.00	0.23	1.36	4.68	8.29	9.13	5.82	3.42	1.77	1.46	1.46	1.42	
EXPENDITURES														
WITHOUT MX	75315.	77452.	78408.	79382.	80301.	81229.	82175.	83140.	84123.	85125.	86145.	87183.	88240.	
WITH MX	76515.	77146.	78641.	80094.	81471.	82841.	84331.	85721.	86590.	86224.	87235.	88271.	89276.	
DIFFERENCE	0.	0.	41.	1121.	1468.	6241.	5658.	4131.	1475.	1093.	1090.	1088.	1087.	
PCT. DIFF.	0.00	0.00	0.05	1.43	1.83	7.68	6.75	5.07	1.75	1.29	1.27	1.25	1.23	
MX INDUCED	0.	0.	-19.	-155.	-727.	-118.	713.	1448.	1356.	345.	159.	145.	144.	
NET IMPACT	0.	0.	-19.	-155.	-727.	-118.	713.	1448.	1356.	345.	159.	145.	144.	

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SHERMAN													
REVENUES													
WITHOUT MI	1732.	1741.	1750.	1759.	1768.	1777.	1786.	1795.	1809.	1822.	1840.	1858.	1877.
WITH MI	1732.	1741.	1750.	1760.	1768.	1787.	1796.	1806.	1815.	1822.	1840.	1858.	1877.
P.L. #74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.12	0.66	3.94	11.28	15.16	8.78	1.62	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MI	1760.	1769.	1778.	1787.	1796.	1806.	1815.	1824.	1838.	1852.	1870.	1888.	1907.
WITH MI	1760.	1769.	1778.	1791.	1812.	1910.	2064.	2063.	1893.	1852.	1870.	1888.	1907.
DIFFERENCE	0.	0.	0.	4.	16.	104.	249.	239.	55.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.20	0.89	5.77	13.73	13.08	2.98	0.00	0.00	0.00	0.00
NET INDUCED													
NET IMPACT	0.	0.	0.	-1.	-4.	-34.	-48.	34.	104.	30.	0.	0.	0.
SWISHER													
REVENUES													
WITHOUT MI	4779.	4798.	4816.	4838.	4870.	4906.	4942.	4978.	5015.	5069.	5123.	5177.	5232.
WITH MI	4779.	4798.	4816.	4843.	4894.	4951.	4988.	5004.	5021.	5069.	5123.	5177.	5232.
P.L. #74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.11	0.49	0.92	0.92	0.51	0.13	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MI	4856.	4875.	4893.	4916.	4948.	4985.	5022.	5058.	5095.	5150.	5205.	5261.	5316.
WITH MI	4856.	4875.	4893.	4925.	4980.	5033.	5055.	5071.	5095.	5150.	5205.	5261.	5316.
DIFFERENCE	0.	0.	0.	9.	32.	48.	34.	12.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.18	0.64	0.96	0.67	0.24	0.00	0.00	0.00	0.00	0.00
NET INDUCED													
NET IMPACT	0.	0.	0.	-4.	-8.	-3.	12.	13.	7.	0.	0.	0.	0.
CHAVES													
REVENUES													
WITHOUT MI	27795.	28242.	28699.	29162.	29572.	29993.	30420.	30851.	31288.	31678.	32058.	32463.	32863.
WITH MI	27795.	28242.	28709.	30677.	32217.	30953.	30759.	30966.	31288.	31678.	32058.	32463.	32863.
P.L. #74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.15	0.64	0.96	0.39	0.95	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MI	28111.	28564.	29026.	29494.	29909.	30335.	30766.	31203.	31644.	32039.	32433.	32833.	33237.
WITH MI	28111.	28564.	29036.	31098.	32558.	30934.	30884.	31203.	31644.	32039.	32433.	32833.	33237.
DIFFERENCE	0.	0.	0.	1603.	2649.	599.	117.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.03	5.44	8.86	1.97	0.38	0.00	0.00	0.00	0.00	0.00	0.00
NET INDUCED													
NET IMPACT	0.	0.	-1.	-88.	-5.	361.	222.	95.	0.	0.	0.	0.	0.
CURRY													
REVENUES													
WITHOUT MI	22834.	22877.	22950.	23023.	23013.	23043.	23054.	23064.	23080.	23033.	22922.	22950.	22908.
WITH MI	24248.	26258.	30470.	33922.	36387.	36916.	38000.	38933.	37251.	36501.	36459.	36418.	36377.
P.L. #74	256.	444.	1197.	1808.	2681.	2691.	3164.	4038.	4038.	4038.	4038.	4038.	4038.
STATE	1053.	2104.	5243.	7487.	9411.	9779.	1526.	11137.	9542.	8838.	8838.	8838.	8838.
LOCAL	125.	633.	1080.	1608.	1659.	1403.	1056.	493.	591.	591.	591.	591.	591.
DIFFERENCE	1444.	3381.	7570.	10899.	13354.	13873.	1946.	15869.	14171.	13458.	13468.	13468.	13468.
PCT. DIFF.	6.33	14.78	32.77	47.34	57.90	60.20	54.83	68.80	61.40	58.47	58.58	58.69	58.79

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EXPENDITURES													
WITHOUT MX	23064.	23138.	23285.	23296.	23306.	23317.	23327.	23333.	23296.	23254.	23211.	23169.	
WITH MX	24949.	27384.	34147.	34967.	34522.	35291.	35164.	34306.	34259.	34217.	34175.	34133.	
DIFFERENCE	1885.	4246.	7827.	11671.	11216.	11976.	11937.	10963.	10963.	10963.	10963.	10963.	
PCT. DIFF.	8.17	18.35	33.72	50.10	48.12	51.36	50.74	46.97	47.06	47.15	47.23	47.32	
MX INDUCED													
NET IMPACT	-441.	-865.	-308.	1683.	2657.	2972.	4037.	3208.	2504.	2505.	2505.	2505.	
DE HACA													
REVENUES													
WITHOUT MX	1352.	1352.	1352.	1336.	1326.	1315.	1305.	1300.	1300.	1300.	1300.	1300.	
WITH MX	1352.	1355.	1389.	1381.	1351.	1335.	1324.	1308.	1301.	1300.	1300.	1300.	
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
STATE	0.	0.	26.	38.	21.	15.	16.	8.	2.	0.	0.	0.	
LOCAL	0.	3.	12.	6.	4.	5.	2.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	3.	38.	45.	26.	20.	19.	9.	2.	0.	0.	0.	
PCT. DIFF.	0.00	0.23	1.43	3.40	1.92	1.49	1.44	0.66	0.13	0.00	0.00	0.00	
EXPENDITURES													
WITHOUT MX	1367.	1367.	1367.	1351.	1341.	1330.	1320.	1314.	1314.	1314.	1314.	1314.	
WITH MX	1367.	1391.	1415.	1371.	1359.	1350.	1330.	1316.	1316.	1314.	1314.	1314.	
P.L. 874	0.	14.	32.	26.	18.	20.	10.	2.	0.	0.	0.	0.	
STATE	0.	14.	49.	26.	18.	20.	10.	2.	0.	0.	0.	0.	
LOCAL	0.	14.	49.	26.	18.	20.	10.	2.	0.	0.	0.	0.	
DIFFERENCE	0.	14.	49.	26.	18.	20.	10.	2.	0.	0.	0.	0.	
PCT. DIFF.	0.00	1.04	3.55	1.95	1.36	1.52	0.77	0.15	0.00	0.00	0.00	0.00	
MX INDUCED													
NET IMPACT	0.	-11.	-13.	19.	7.	-1.	9.	7.	2.	0.	0.	0.	
HARDING													
REVENUES													
WITHOUT MX	546.	535.	520.	504.	494.	483.	473.	463.	442.	421.	400.	379.	
WITH MX	546.	535.	779.	2429.	3660.	1602.	583.	474.	442.	421.	400.	379.	
P.L. 874	0.	0.	50.	365.	554.	126.	0.	0.	0.	0.	0.	0.	
STATE	0.	0.	209.	1523.	2346.	588.	15.	11.	0.	0.	0.	0.	
LOCAL	0.	0.	0.	37.	266.	404.	95.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	0.	259.	1925.	3166.	1118.	110.	12.	0.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	49.84	381.78	641.07	231.32	23.29	2.51	0.00	0.00	0.00	0.00	
EXPENDITURES													
WITHOUT MX	552.	542.	526.	510.	499.	489.	478.	468.	447.	426.	405.	384.	
WITH MX	552.	542.	793.	2445.	3637.	1156.	493.	468.	447.	426.	405.	384.	
P.L. 874	0.	0.	267.	1935.	2938.	667.	14.	0.	0.	0.	0.	0.	
STATE	0.	0.	267.	1935.	2938.	667.	14.	0.	0.	0.	0.	0.	
LOCAL	0.	0.	267.	1935.	2938.	667.	14.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	0.	267.	1935.	2938.	667.	14.	0.	0.	0.	0.	0.	
PCT. DIFF.	0.00	0.00	50.77	379.85	588.24	136.47	2.96	0.00	0.00	0.00	0.00	0.00	
MX INDUCED													
NET IMPACT	0.	0.	-8.	-10.	228.	451.	96.	12.	0.	0.	0.	0.	
QUAY													
REVENUES													
WITHOUT MX	5838.	5948.	5858.	5858.	5848.	5838.	5827.	5822.	5796.	5775.	5754.	5734.	
WITH MX	5838.	7036.	8605.	6517.	6010.	5004.	5906.	5825.	5796.	5775.	5754.	5734.	
P.L. 874	0.	230.	495.	42.	0.	0.	0.	0.	0.	0.	0.	0.	
STATE	0.	958.	2084.	731.	90.	143.	78.	3.	0.	0.	0.	0.	
LOCAL	0.	0.	168.	380.	73.	23.	1.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	1184.	2747.	659.	162.	156.	79.	3.	0.	0.	0.	0.	
PCT. DIFF.	0.00	20.32	46.89	11.24	2.77	2.85	1.36	0.06	0.00	0.00	0.00	0.00	
EXPENDITURES													
WITHOUT MX	5904.	5915.	5925.	5925.	5915.	5904.	5894.	5888.	5862.	5841.	5820.	5799.	
WITH MX	5904.	7136.	8550.	6751.	6093.	5001.	5894.	5888.	5862.	5841.	5820.	5799.	
P.L. 874	0.	1232.	2625.	325.	178.	97.	4.	0.	0.	0.	0.	0.	
STATE	0.	20.65	44.30	3.01	1.64	1.64	1.07	0.00	0.00	0.00	0.00	0.00	
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
DIFFERENCE	0.	1215.	2625.	325.	178.	97.	4.	0.	0.	0.	0.	0.	
PCT. DIFF.	0.00	20.65	44.30	3.01	1.64	1.64	1.07	0.00	0.00	0.00	0.00	0.00	
MX INDUCED													
NET IMPACT	0.	-13.	122.	333.	-16.	59.	75.	3.	0.	0.	0.	0.	
ROOSEVELT													
REVENUES													

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WITHOUT MX	8634.	8665.	8697.	8733.	8769.	8811.	8852.	8894.	8941.	8977.	9019.	9060.	9102.
WITH MX	8656.	8801.	9293.	10923.	11341.	11840.	12477.	10124.	9585.	9374.	9374.	9410.	9452.
P.L. 874	0.	0.	58.	335.	360.	436.	574.	96.	0.	0.	0.	0.	0.
STATE	0.	77.	445.	1720.	1850.	2254.	2720.	576.	476.	336.	275.	271.	271.
LOCAL	22.	59.	94.	134.	361.	339.	350.	556.	168.	81.	79.	79.	79.
DIFFERENCE	22.	136.	597.	2190.	2572.	3029.	3625.	1230.	645.	417.	355.	350.	350.
PCT. DIFF.	0.26	1.57	6.86	25.07	29.33	34.38	40.94	13.82	7.21	4.64	3.93	3.86	3.86
EXPENDITURES													
WITHOUT MX	8733.	8744.	8796.	8832.	8869.	8911.	8953.	8795.	9043.	9080.	9122.	9164.	9206.
WITH MX	8828.	9015.	9501.	10998.	11275.	11546.	12138.	10081.	9459.	9421.	9457.	9499.	9541.
DIFFERENCE	95.	281.	706.	2166.	2406.	2635.	3185.	1086.	417.	342.	336.	336.	336.
PCT. DIFF.	1.09	2.86	8.07	24.52	27.13	29.57	35.57	12.07	4.61	3.76	3.68	3.66	3.65
MX INDUCED													
NET IMPACT	-73.	-115.	-109.	24.	166.	395.	440.	144.	228.	75.	19.	14.	14.
UNION													
REVENUES													
WITHOUT MX	2521.	2511.	2500.	2495.	2500.	2511.	2521.	2532.	2547.	2547.	2547.	2547.	2547.
WITH MX	2521.	2511.	2500.	2495.	2506.	2542.	2583.	2592.	2570.	2547.	2547.	2547.	2547.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	18.	46.	54.	23.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	5.	13.	16.	7.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	5.	31.	62.	61.	23.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.22	1.24	2.44	2.39	0.90	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	2550.	2539.	2529.	2524.	2529.	2539.	2550.	2560.	2576.	2576.	2576.	2576.	2576.
WITH MX	2550.	2539.	2529.	2524.	2531.	2535.	2517.	2589.	2576.	2576.	2576.	2576.	2576.
DIFFERENCE	0.	0.	0.	0.	22.	57.	67.	28.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.88	2.23	2.62	1.11	0.00	0.00	0.00	0.00	0.00
MX INDUCED													
NET IMPACT	0.	0.	0.	0.	-17.	-26.	-5.	32.	23.	0.	0.	0.	0.
REGIONAL TOTAL													
REVENUES													
WITHOUT MX	322979.	326323.	329723.	333202.	336223.	339334.	342486.	345580.	348959.	352259.	355627.	359037.	362489.
WITH MX	324445.	331058.	341222.	355717.	371587.	383969.	392669.	395395.	377763.	376090.	378667.	381999.	385442.
P.L. 874	256.	675.	1770.	3703.	6163.	7923.	8690.	7949.	6914.	6914.	6914.	6914.	6914.
STATE	1063.	3338.	7858.	14988.	22178.	26533.	27191.	22231.	16888.	14311.	13593.	13522.	13517.
LOCAL	147.	722.	1872.	3823.	7023.	10780.	11302.	9534.	4901.	2606.	2532.	2526.	2522.
DIFFERENCE	1456.	4715.	11500.	22515.	35364.	44635.	47182.	39715.	28004.	23831.	23039.	22962.	22953.
PCT. DIFF.	0.45	1.45	3.49	6.76	10.52	13.15	11.78	11.49	8.25	6.77	6.48	6.40	6.33
EXPENDITURES													
WITHOUT MX	327842.	331218.	334689.	338222.	341289.	344449.	347642.	350892.	354222.	357572.	360993.	364457.	367962.
WITH MX	329822.	337016.	346863.	362011.	376544.	385823.	389204.	381133.	375265.	377306.	380595.	384050.	387550.
DIFFERENCE	1940.	5798.	12173.	23789.	35254.	43774.	43562.	30241.	19742.	19742.	19593.	19588.	19588.
PCT. DIFF.	0.60	1.74	3.64	7.03	10.33	12.01	11.67	8.62	5.94	5.52	5.43	5.38	5.32
MX INDUCED													
NET IMPACT	-514.	-1044.	-674.	-1275.	110.	3261.	5628.	9474.	7760.	4097.	3417.	3369.	3365.

SOURCE: HON. SCIENCES

(1) ESTIMATES REFLECT AGGREGATE REVENUES AND EXPENDITURES BY ALL SCHOOL DISTRICTS WITHIN THE COUNTY.

30-OCT-80

Table 2.1-28. (Page 1 of 7)

SCHOOL DISTRICT REVENUES, EXPENDITURES, AND NET IMPACTS (THOUSANDS FY 1987 \$) (1) BASELINE; (2) ALTERNATIVE 88

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
HAILEY													
REVENUES													
WITHOUT MX	3767.	3776.	3785.	3798.	3803.	3812.	3821.	3830.	3839.	3843.	3843.	3843.	3843.
WITH 4X	3757.	3776.	3785.	3810.	3877.	3976.	3985.	3911.	3859.	3843.	3843.	3843.	3843.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	10.	57.	97.	61.	19.	0.	0.	0.	0.
LOCAL	0.	0.	0.	12.	63.	107.	67.	20.	1.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	12.	74.	164.	164.	81.	20.	1.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.31	1.94	4.31	4.30	2.13	0.51	0.02	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	3827.	3836.	3845.	3859.	3866.	3873.	3882.	3891.	3901.	3905.	3905.	3905.	3905.
WITH 4X	3827.	3836.	3845.	3879.	3972.	4055.	3997.	3927.	3902.	3905.	3905.	3905.	3905.
DIFFERENCE	0.	0.	0.	19.	108.	182.	115.	35.	2.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.50	2.79	4.70	2.96	0.91	0.05	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	-8.	-34.	-18.	49.	46.	18.	1.	0.	0.	0.
NET IMPACT	0.	0.	0.	-8.	-34.	-18.	49.	46.	18.	1.	0.	0.	0.
CASTRO													
REVENUES													
WITHOUT MX	4779.	4798.	4816.	4838.	4870.	4906.	4942.	4978.	5015.	5060.	5105.	5150.	5195.
WITH 4X	4779.	4798.	4816.	4838.	4870.	4906.	5034.	5032.	5025.	5060.	5105.	5150.	5195.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	10.	45.	42.	10.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	11.	49.	46.	11.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	11.	60.	91.	53.	10.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.23	1.22	1.85	1.07	0.21	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	4856.	4875.	4893.	4916.	4948.	4985.	5022.	5058.	5095.	5141.	5187.	5233.	5279.
WITH 4X	4856.	4875.	4893.	4916.	4948.	5070.	5101.	5078.	5095.	5141.	5187.	5233.	5279.
DIFFERENCE	0.	0.	0.	0.	19.	85.	80.	19.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.39	1.70	1.59	0.38	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	-8.	-25.	12.	34.	10.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	-8.	-25.	12.	34.	10.	0.	0.	0.	0.
CUCHARAN													
REVENUES													
WITHOUT MX	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.	2351.
WITH 4X	2351.	2351.	2351.	2354.	2355.	2393.	2380.	2359.	2351.	2365.	2383.	2401.	2419.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	3.	19.	21.	8.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	3.	21.	23.	8.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	3.	24.	42.	29.	8.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.11	1.00	1.78	1.23	0.32	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	2389.	2389.	2389.	2389.	2389.	2389.	2389.	2389.	2389.	2403.	2421.	2440.	2458.
WITH 4X	2389.	2389.	2389.	2394.	2424.	2428.	2433.	2389.	2389.	2403.	2421.	2440.	2458.
DIFFERENCE	0.	0.	0.	5.	35.	39.	14.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.22	1.48	1.63	0.59	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	-3.	-12.	1.	15.	8.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	-3.	-12.	1.	15.	8.	0.	0.	0.	0.	0.
DALLAS													
REVENUES													
WITHOUT MX	3027.	3134.	3170.	3210.	3242.	3278.	3314.	3351.	3391.	3441.	3495.	3550.	3604.

Table 2.1-28. (Page 2 of 7)

WITH MX	3097.	3134.	3170.	3210.	3129.	3860.	4685.	4184.	3685.	3446.	3495.	3550.	3604.
P.L. R74	0.	0.	0.	0.	26.	157.	326.	175.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	61.	383.	793.	442.	12.	5.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	40.	251.	516.	282.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	87.	582.	1370.	1133.	294.	5.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	2.67	17.75	41.35	33.83	8.67	0.14	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	3147.	3184.	3221.	3262.	3794.	3331.	3358.	3404.	3446.	3496.	3551.	3607.	3662.
WITH MX	3147.	3184.	3221.	3262.	3413.	4068.	4880.	4217.	3455.	3496.	3551.	3607.	3662.
DIFFERENCE	0.	0.	0.	0.	118.	737.	1513.	813.	9.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	3.59	22.12	44.91	23.88	0.26	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	-32.	-155.	-142.	321.	285.	5.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	-32.	-155.	-142.	321.	285.	5.	0.	0.	0.
DEAF SMITH													
REVENUES													
WITHOUT MX	9030.	9093.	9157.	9224.	9319.	9419.	9518.	9518.	9722.	9835.	9952.	10070.	10188.
WITH MX	9030.	9093.	9161.	9202.	10345.	9922.	9693.	9692.	9724.	9835.	9952.	10070.	10188.
P.L. R74	0.	0.	1.	140.	234.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	3.	335.	570.	16.	106.	53.	2.	0.	0.	0.	0.
LOCAL	0.	0.	0.	2.	221.	488.	69.	2.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	5.	478.	1026.	503.	175.	65.	2.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.05	5.18	11.01	5.34	1.84	0.67	0.02	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	9175.	9239.	9304.	9373.	9459.	9570.	9671.	9772.	9878.	9993.	10112.	10232.	10351.
WITH MX	9175.	9239.	9311.	10021.	10534.	9770.	9790.	9776.	9878.	9993.	10112.	10232.	10351.
DIFFERENCE	0.	0.	7.	648.	1085.	200.	118.	4.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.08	6.92	11.46	2.09	1.22	0.04	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	-2.	-171.	-59.	303.	57.	61.	2.	0.	0.	0.	0.
NET IMPACT	0.	0.	-2.	-171.	-59.	303.	57.	61.	2.	0.	0.	0.	0.
HALE													
REVENUES													
WITHOUT MX	17219.	17400.	17585.	17771.	17956.	18141.	18331.	18526.	18716.	18955.	19195.	19439.	19688.
WITH MX	17219.	17400.	17585.	17771.	17956.	18167.	18352.	18532.	18716.	18955.	19195.	19439.	19688.
P.L. R74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	23.	7.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	26.	7.	7.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	26.	7.	7.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.14	0.17	0.04	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	17495.	17679.	17868.	18056.	18244.	18433.	18626.	18823.	19016.	19260.	19503.	19751.	20004.
WITH MX	17495.	17679.	17868.	18056.	18244.	18477.	18618.	18823.	19016.	19260.	19503.	19751.	20004.
DIFFERENCE	0.	0.	0.	0.	0.	44.	12.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	0.	-18.	18.	7.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	0.	-18.	18.	7.	0.	0.	0.	0.	0.
HARTLEY													
REVENUES													
WITHOUT MX	1650.	1687.	1723.	1759.	1795.	1831.	1867.	1904.	1940.	1976.	2012.	2048.	2085.
WITH MX	1650.	1687.	1723.	1760.	1796.	1831.	1867.	1904.	1940.	1976.	2012.	2048.	2085.
P.L. R74	0.	0.	0.	0.	44.	250.	274.	70.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	106.	603.	674.	188.	5.	1.	0.	0.	0.
LOCAL	0.	0.	0.	1.	0.	70.	396.	434.	112.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	1.	151.	924.	1345.	592.	117.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.04	8.38	50.43	72.02	35.16	6.04	0.05	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	1677.	1714.	1750.	1787.	1824.	1861.	1897.	1934.	1971.	2008.	2045.	2081.	2118.
WITH MX	1677.	1714.	1750.	1787.	1824.	1861.	1897.	1934.	1971.	2008.	2045.	2081.	2118.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Table 2.1-28. (Page 3 of 7)

PCT. DIFF.	0.09	0.00	0.00	0.10	11.24	62.39	67.05	15.90	0.09	0.00	0.00	0.00	0.00	0.00
MX INDUCED														
NET IMPACT	0.	0.	0.	-1.	-54.	-237.	73.	365.	115.	1.	0.	0.	0.	0.
HOCKEY														
REVENUES														
WITHOUT MX	9826.	9880.	9934.	9980.	10034.	10079.	10124.	10169.	10219.	10278.	10341.	10405.	10468.	10488.
WITH MX	9826.	9880.	9934.	9995.	10076.	10155.	10187.	10196.	10224.	10278.	10341.	10405.	10468.	10488.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	33.	39.	22.	5.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	7.	36.	43.	24.	5.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	7.	43.	76.	63.	26.	5.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.07	0.42	0.76	0.62	0.26	0.05	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MX	9984.	10039.	10094.	10149.	10195.	10241.	10287.	10333.	10383.	10443.	10507.	10572.	10636.	10636.
WITH MX	9984.	10039.	10094.	10161.	10257.	10315.	10327.	10342.	10383.	10443.	10507.	10572.	10636.	10636.
DIFFERENCE	0.	0.	0.	12.	62.	74.	41.	9.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.12	0.61	0.72	0.40	0.09	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED														
NET IMPACT	0.	0.	0.	-6.	-19.	2.	22.	18.	5.	0.	0.	0.	0.	0.
LAMB														
REVENUES														
WITHOUT MX	7858.	7868.	7868.	7868.	7854.	7845.	7836.	7827.	7818.	7823.	7823.	7823.	7823.	7823.
WITH MX	7868.	7868.	7868.	7868.	7867.	7893.	7800.	7846.	7818.	7823.	7823.	7823.	7823.	7823.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	11.	33.	19.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	12.	36.	21.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	12.	47.	54.	19.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.16	0.60	0.69	0.24	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MX	7994.	7994.	7994.	7994.	7980.	7971.	7962.	7953.	7944.	7948.	7948.	7948.	7948.	7948.
WITH MX	7994.	7994.	7994.	7994.	8002.	8033.	7997.	7953.	7944.	7948.	7948.	7948.	7948.	7948.
DIFFERENCE	0.	0.	0.	0.	21.	62.	35.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.27	0.78	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED														
NET IMPACT	0.	0.	0.	0.	-9.	-14.	19.	19.	0.	0.	0.	0.	0.	0.
LUREDOCK														
REVENUES														
WITHOUT MX	99587.	101007.	102449.	103005.	105690.	106288.	107500.	108726.	109855.	111213.	112474.	113749.	115038.	115038.
WITH MX	99587.	101007.	102491.	104195.	105971.	107656.	108796.	109583.	110319.	111276.	112441.	113751.	115038.	115038.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	38.	228.	593.	733.	538.	290.	58.	5.	2.	0.	0.
LOCAL	0.	0.	41.	252.	653.	775.	593.	319.	64.	5.	2.	0.	0.	0.
DIFFERENCE	0.	0.	41.	289.	661.	1368.	1298.	458.	355.	63.	6.	2.	0.	0.
PCT. DIFF.	0.00	0.00	0.04	0.28	0.83	1.29	1.21	0.79	0.32	0.06	0.01	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MX	101147.	102629.	104095.	105574.	106778.	107996.	109227.	110472.	111731.	112999.	114241.	115576.	116886.	116886.
WITH MX	101147.	102629.	104166.	106004.	107803.	109319.	110219.	111018.	111840.	113008.	114284.	115576.	116886.	116886.
DIFFERENCE	0.	0.	71.	429.	1115.	1323.	1012.	546.	110.	9.	4.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.07	0.41	1.04	1.23	0.93	0.49	0.10	0.01	0.00	0.00	0.00	0.00
MX INDUCED														
NET IMPACT	0.	0.	-29.	-140.	-714.	44.	284.	312.	745.	55.	3.	2.	0.	0.
MUDRA														
REVENUES														
WITHOUT MX	6620.	6631.	6631.	6631.	6631.	6700.	6796.	6832.	6869.	6914.	6959.	7004.	7049.	7049.
WITH MX	6620.	6631.	6631.	6631.	6631.	6700.	6796.	6832.	6869.	6914.	6959.	7004.	7049.	7049.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES														
WITHOUT MX	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.
WITH MX	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.	7010.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED														
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Table 2.1-28. (Page 5 of 7)

SHERMAN													
REVENUES													
WITHOUT MX	1732.	1741.	1750.	1759.	1768.	1777.	1786.	1795.	1809.	1822.	1840.	1858.	1877.
WITH MX	1732.	1741.	1750.	1759.	1768.	1777.	1786.	1795.	1809.	1822.	1840.	1858.	1877.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	1760.	1769.	1778.	1787.	1796.	1806.	1815.	1824.	1838.	1852.	1870.	1888.	1907.
WITH MX	1760.	1769.	1778.	1787.	1796.	1806.	1815.	1824.	1838.	1852.	1870.	1888.	1907.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SALISHER													
REVENUES													
WITHOUT MX	4779.	4798.	4816.	4838.	4870.	4905.	4942.	4978.	5015.	5069.	5123.	5177.	5232.
WITH MX	4779.	4798.	4816.	4838.	4870.	4905.	4942.	4978.	5015.	5069.	5123.	5177.	5232.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	4856.	4875.	4893.	4916.	4948.	4985.	5022.	5058.	5095.	5150.	5205.	5261.	5316.
WITH MX	4856.	4875.	4893.	4916.	4948.	4985.	5022.	5058.	5095.	5150.	5205.	5261.	5316.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CHAVES													
REVENUES													
WITHOUT MX	27795.	28242.	28699.	29162.	29572.	29993.	30420.	30851.	31288.	31678.	32068.	32463.	32863.
WITH MX	27795.	28242.	28699.	29162.	29572.	29993.	30420.	30851.	31288.	31678.	32068.	32463.	32863.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	28111.	28564.	29026.	29494.	29909.	30315.	30766.	31203.	31644.	32039.	32433.	32833.	33237.
WITH MX	28111.	28564.	29026.	29494.	29909.	30315.	30766.	31203.	31644.	32039.	32433.	32833.	33237.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CUNRY													
REVENUES													
WITHOUT MX	22804.	22877.	22950.	23023.	23103.	23043.	23054.	23064.	23080.	23033.	22992.	22950.	22908.
WITH MX	23132.	23142.	23036.	23432.	23521.	23630.	23728.	23849.	23901.	23935.	23964.	23952.	23911.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Table 2.1-28. (Page 6 of 7)

EXPENDITURES													
WITHOUT MX	23064.	23138.	23211.	23285.	23296.	23306.	23317.	23327.	23343.	23296.	23254.	23211.	23169.
WITH MX	24878.	27156.	30774.	33387.	34406.	34152.	35149.	34946.	34173.	34125.	34083.	34041.	33999.
DIFFERENCE	1814.	4018.	7562.	10102.	11111.	10866.	11831.	11618.	10830.	10830.	10830.	10830.	10830.
PCT. DIFF.	7.46	17.46	32.54	43.38	47.70	46.54	50.75	49.81	46.39	46.49	46.57	46.66	46.74
MX INDUCED													
NET IMPACT	-436.	-753.	-148.	308.	1477.	2431.	2841.	3966.	3107.	2472.	2472.	2473.	2473.
OF 9ACA													
REVENUES													
WITHOUT MX	1352.	1352.	1352.	1352.	1336.	1326.	1315.	1305.	1300.	1300.	1300.	1300.	1300.
WITH MX	1352.	1352.	1352.	1352.	1339.	1337.	1345.	1355.	1333.	1306.	1300.	1300.	1300.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	2.	7.	18.	41.	31.	7.	0.	0.	0.
LOCAL	0.	0.	0.	0.	2.	5.	12.	9.	2.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	3.	12.	30.	50.	33.	7.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.02	0.26	0.90	2.25	3.83	2.54	0.51	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	1367.	1367.	1367.	1367.	1351.	1341.	1330.	1320.	1314.	1314.	1314.	1314.	1314.
WITH MX	1367.	1367.	1367.	1369.	1359.	1363.	1381.	1358.	1322.	1314.	1314.	1314.	1314.
DIFFERENCE	0.	0.	0.	2.	8.	22.	51.	38.	8.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.15	0.60	1.66	3.80	2.91	0.62	0.00	0.00	0.00	0.00
MX INDUCED													
NET IMPACT	0.	0.	0.	-2.	-5.	-10.	-21.	12.	25.	7.	0.	0.	0.
HANDING													
REVENUES													
WITHOUT MX	546.	535.	525.	520.	504.	494.	483.	473.	463.	442.	421.	400.	379.
WITH MX	546.	535.	525.	908.	3035.	3367.	895.	492.	464.	442.	421.	400.	379.
P.L. 874	0.	0.	0.	75.	478.	478.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	313.	1998.	2046.	57.	18.	2.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	55.	349.	354.	1.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	389.	2531.	2873.	412.	19.	2.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	74.76	501.99	581.79	85.13	3.91	0.35	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	552.	542.	531.	526.	510.	499.	489.	478.	468.	447.	426.	405.	384.
WITH MX	552.	542.	531.	926.	3048.	3037.	511.	480.	468.	447.	426.	405.	384.
DIFFERENCE	0.	0.	0.	400.	2538.	2538.	22.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	76.15	497.60	508.08	4.55	0.42	0.00	0.00	0.00	0.00	0.00
MX INDUCED													
NET IMPACT	0.	0.	0.	-12.	-6.	335.	389.	16.	2.	0.	0.	0.	0.
QUAY													
REVENUES													
WITHOUT MX	5838.	5848.	5858.	5869.	5858.	5848.	5838.	5827.	5822.	5796.	5775.	5754.	5734.
WITH MX	5838.	5848.	5858.	6407.	8104.	8463.	6207.	5837.	5822.	5796.	5775.	5754.	5734.
P.L. 874	0.	0.	0.	104.	457.	432.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	434.	1912.	1850.	51.	10.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	76.	334.	318.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	539.	2446.	2615.	369.	10.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	9.18	41.74	44.72	6.33	0.17	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	5934.	5915.	5925.	5936.	5925.	5915.	5901.	5894.	5888.	5862.	5841.	5820.	5799.
WITH MX	5934.	5915.	5925.	6490.	8149.	8206.	5916.	5894.	5888.	5862.	5841.	5820.	5799.
DIFFERENCE	0.	0.	0.	554.	2424.	2291.	12.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	9.33	40.92	38.73	0.21	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED													
NET IMPACT	0.	0.	0.	-16.	71.	324.	357.	10.	0.	0.	0.	0.	0.
ROOSEVELT													
REVENUES													

Table 2.1-28. (Page 7 of 7)

WITHOUT MX	8634.	8665.	8697.	8733.	8769.	8811.	8852.	8894.	8941.	8977.	9019.	9060.	9102.
WITH MX	8655.	8789.	8968.	9191.	10278.	12039.	11383.	9551.	9514.	9373.	9367.	9404.	9446.
P.L. 874	0.	0.	0.	0.	172.	499.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	72.	178.	318.	1193.	2574.	1715.	244.	481.	316.	271.	266.	266.
LOCAL	21.	52.	93.	140.	140.	156.	423.	413.	93.	79.	78.	78.	78.
DIFFERENCE	21.	124.	271.	458.	1505.	3228.	2510.	557.	574.	395.	349.	344.	344.
PCT. DIFF.	0.24	1.43	3.12	5.25	17.16	36.64	28.35	7.39	6.42	4.40	3.86	3.79	3.77
EXPENDITURES													
WITHOUT MX	8733.	8764.	8796.	8832.	8869.	8911.	8953.	8995.	9043.	9080.	9122.	9164.	9206.
WITH MX	8822.	8985.	9190.	9437.	10374.	11588.	11150.	9592.	9435.	9415.	9451.	9493.	9535.
DIFFERENCE	89.	220.	394.	594.	1504.	2776.	2226.	596.	392.	330.	330.	330.	330.
PCT. DIFF.	1.02	2.51	4.48	6.73	16.96	31.15	24.85	6.63	4.34	3.70	3.61	3.60	3.58
MX INDUCED													
NET IMPACT	-68.	-97.	-123.	-136.	0.	452.	284.	60.	181.	60.	19.	14.	14.

UNIT													
REVENUES													
WITHOUT MX	2521.	2511.	2500.	2495.	2500.	2511.	2521.	2532.	2547.	2547.	2547.	2547.	2547.
WITH MX	2521.	2511.	2500.	2495.	2500.	2511.	2521.	2532.	2547.	2547.	2547.	2547.	2547.
P.L. 874	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
STATE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LOCAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPENDITURES													
WITHOUT MX	2550.	2539.	2529.	2524.	2529.	2539.	2550.	2560.	2576.	2576.	2576.	2576.	2576.
WITH MX	2550.	2539.	2529.	2524.	2529.	2539.	2550.	2560.	2576.	2576.	2576.	2576.	2576.
DIFFERENCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PCT. DIFF.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MX INDUCED													
NET IMPACT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

REGIONAL TOTAL													
REVENUES													
WITHOUT MX	322979.	326323.	329723.	333202.	336223.	339334.	342486.	345680.	348959.	352259.	355627.	359037.	362489.
WITH MX	324377.	329711.	337512.	346352.	359098.	367178.	373431.	378890.	384376.	389874.	395374.	400874.	406374.
P.L. 874	283.	432.	1223.	2231.	3908.	4610.	4977.	4567.	3996.	3996.	3996.	3996.	3996.
STATE	1010.	2319.	5396.	8938.	15541.	18595.	17115.	14369.	10498.	9201.	9050.	9041.	9038.
LOCAL	115.	637.	1179.	1981.	3471.	4439.	4253.	3274.	1512.	709.	702.	699.	698.
DIFFERENCE	1399.	3388.	7789.	13150.	22475.	27844.	25945.	22209.	16006.	13906.	11748.	13737.	13732.
PCT. DIFF.	0.43	1.04	2.36	3.95	6.80	8.21	7.87	6.42	4.59	3.95	3.87	3.83	3.79
EXPENDITURES													
WITHOUT MX	327842.	331238.	334689.	338222.	341289.	344448.	347649.	350892.	354222.	357572.	360993.	364457.	367962.
WITH MX	329745.	335470.	342823.	351730.	363419.	368731.	373120.	378337.	383729.	388829.	393738.	398594.	403197.
DIFFERENCE	1903.	4232.	8134.	13508.	22130.	24282.	22471.	16445.	11508.	11257.	11248.	11235.	11235.
PCT. DIFF.	0.58	1.28	2.43	3.99	6.48	7.05	6.45	4.60	3.25	3.15	3.11	3.08	3.05
MX INDUCED													
NET IMPACT	-504.	-950.	-344.	-358.	745.	3562.	4473.	6064.	4498.	2648.	2504.	2500.	2497.

SOURCE: HDP SCIENCES

(1) ESTIMATES EFFECT AGGREGATE REVENUES AND EXPENDITURES BY ALL SCHOOL DISTRICTS WITHIN THE COUNTY.

10-OCT-80

Table 2.1-29. (Page 1 of 4)

ALTERNATIVE 1: FULL DEPLOYMENT - TRANSFER SERVICE (U)
 BASE 1 AT GULF, TX (COURT CO.)
 AND 11 AT DALLAS, TX (HARTLEY CO.)

4-1 RELATED CAPITAL INVESTMENT REQUIREMENTS
 (THOUSANDS OF 1983 \$)

SERVICE	LONG TERM (1983)	ANNUAL INVESTMENT REQUIRED (1) PER YEAR
BASE 1		
GENERAL UTILIZATION BOND ITEMS (1)	0.0	0.0
REPAIR BOND ITEMS (2)	0.0	0.0
SCHEDULES	0.0	0.0
TOTAL	0.0	0.0
BASE 11		
GENERAL UTILIZATION BOND ITEMS (1)	0.0	0.0
REPAIR BOND ITEMS (2)	0.0	0.0
SCHEDULES	0.0	0.0
TOTAL	0.0	0.0
COURT CO.		
GENERAL UTILIZATION BOND ITEMS (1)	0.0	0.0
REPAIR BOND ITEMS (2)	0.0	0.0
SCHEDULES	0.0	0.0
TOTAL	0.0	0.0
HARTLEY CO.		
GENERAL UTILIZATION BOND ITEMS (1)	1802.3	1802.3
REPAIR BOND ITEMS (2)	1602.3	1602.3
SCHEDULES	1702.3	1702.3
TOTAL	5106.9	5106.9
BASE 11 WITH		
GENERAL UTILIZATION BOND ITEMS (1)	0.0	0.0
REPAIR BOND ITEMS (2)	0.0	0.0
SCHEDULES	0.0	0.0
TOTAL	0.0	0.0
BASE 11		
GENERAL UTILIZATION BOND ITEMS (1)	0.0	0.0
REPAIR BOND ITEMS (2)	0.0	0.0
SCHEDULES	0.0	0.0
TOTAL	0.0	0.0

Table 2.1-29. (Page 2 of 4)

GENERAL OBLIGATION BOND ITEMS (1)	3175.0	1058.5	7007.1
RESERVE BOND ITEMS (2)	233.2	791.1	4907.7
SCHOLARSHIP	10557.0	3030.5	10495.0
TOTAL	20165.2	5480.1	10495.0
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	101.0
RESERVE BOND ITEMS (2)	0.0	0.2	205.3
SCHOLARSHIP	0.0	0.2	603.9
TOTAL	0.0	0.3	1079.0
LEAS			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	204.7
RESERVE BOND ITEMS (2)	0.0	0.2	107.0
SCHOLARSHIP	0.0	0.2	100.4
TOTAL	0.0	0.3	501.3
LIABILITIES			
GENERAL OBLIGATION BOND ITEMS (1)	36.2	16.2	930.4
RESERVE BOND ITEMS (2)	75.1	75.1	1505.5
SCHOLARSHIP	52.9	22.9	320.2
TOTAL	204.2	200.7	1410.7
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	1209.2	894.7	3005.1
RESERVE BOND ITEMS (2)	1353.0	876.9	2176.0
SCHOLARSHIP	1062.6	311.3	1708.0
TOTAL	4005.7	2002.6	9100.7
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	103.5
RESERVE BOND ITEMS (2)	0.0	0.2	90.2
SCHOLARSHIP	0.0	0.2	127.0
TOTAL	0.0	0.3	100.4
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	207.2
RESERVE BOND ITEMS (2)	0.0	0.0	1170.5
SCHOLARSHIP	0.0	0.2	320.2
TOTAL	0.0	0.3	1017.4
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	1205.3	1002.5	13401.9
RESERVE BOND ITEMS (2)	2007.0	810.7	10401.7
SCHOLARSHIP	2112.3	1150.1	11708.0
TOTAL	4165.4	1174.1	49411.1
DEBT			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.1	502.0
RESERVE BOND ITEMS (2)	0.0	0.1	502.0
SCHOLARSHIP	0.0	0.1	502.0
TOTAL	0.0	0.3	1006.7

Table 2.1-29. (Page 3 of 4)

SALISIM			
GENERAL OBLIGATION BOND ITEMS (3)			135.9
REFUNDING BOND ITEMS (4)	0.0	0.0	92.7
SCHOLARSHIP	0.0	0.0	116.1
TOTAL	0.0	0.0	166.7
CHARTER			
GENERAL OBLIGATION BOND ITEMS (3)	0.0	0.0	4106.5
REFUNDING BOND ITEMS (4)	0.0	0.0	2165.1
SCHOLARSHIP	0.0	0.0	4377.1
TOTAL	0.0	0.0	12248.7
CUMUL			
GENERAL OBLIGATION BOND ITEMS (3)	6904.7	6144.5	18920.6
REFUNDING BOND ITEMS (4)	5196.2	2586.1	12139.6
SCHOLARSHIP	21911.0	9477.6	26114.0
TOTAL	16011.9	14728.2	51174.6
UP RATA			
GENERAL OBLIGATION BOND ITEMS (3)	0.0	0.0	120.4
REFUNDING BOND ITEMS (4)	0.0	0.0	93.1
SCHOLARSHIP	0.0	0.0	105.0
TOTAL	0.0	0.0	318.5
WASHING			
GENERAL OBLIGATION BOND ITEMS (3)	0.0	0.0	4061.5
REFUNDING BOND ITEMS (4)	0.0	0.0	2117.5
SCHOLARSHIP	0.0	0.0	4061.5
TOTAL	0.0	0.0	12240.5
WIRE			
GENERAL OBLIGATION BOND ITEMS (3)	0.0	0.0	3628.6
REFUNDING BOND ITEMS (4)	0.0	0.0	2087.2
SCHOLARSHIP	0.0	0.0	5124.7
TOTAL	0.0	0.0	11428.0
WINDFELL			
GENERAL OBLIGATION BOND ITEMS (3)	902.4	450.1	4402.1
REFUNDING BOND ITEMS (4)	155.3	232.1	2631.0
SCHOLARSHIP	712.1	346.3	4995.0
TOTAL	2015.7	1031.4	14228.1
WYOMING			
GENERAL OBLIGATION BOND ITEMS (3)	0.0	0.0	180.8
REFUNDING BOND ITEMS (4)	0.0	0.0	116.6
SCHOLARSHIP	0.0	0.0	485.7
TOTAL	0.0	0.0	783.1
YAKIMA			
GENERAL OBLIGATION BOND ITEMS (3)	10000.0	5275.1	5275.1
REFUNDING BOND ITEMS (4)	1651.1	1000.0	12507.4

Table 2.1-29. (Page 4 of 4)

SCHEMATIC	20487.3	7401.3	48178.6
TOTAL	34237.6	18714.1	147745.6
NEW MEXICO			
GENERAL OBLIGATION BOND ITEMS (1)	2042.5	8604.1	35645.8
REVENUE BOND ITEMS (2)	5932.5	2056.2	21768.2
SCHEMATIC	2463.1	6103.8	51222.2
TOTAL	10437.2	16764.1	108636.3
REGIONAL TOTAL			
GENERAL OBLIGATION BOND ITEMS (1)	17981.8	12078.7	81025.8
REVENUE BOND ITEMS (2)	14603.0	1010.7	54181.8
SCHEMATIC	43316.8	13727.2	126808.3
TOTAL	75901.3	31916.4	263172.9

----- SOURCE: THE STATE OF NEW MEXICO, DEPARTMENT OF REVENUE, 1985-1986 SPOTIFY

(1) INVESTMENT GRADE BONDS, THE STATE OF NEW MEXICO, DEPARTMENT OF REVENUE, 1985-1986 SPOTIFY.
 (2) MAXIMUM ANNUAL INVESTMENT REQUIRED.
 (3) GENERAL OBLIGATION BOND ITEMS INCLUDE POLICY, FINE, COMPENSATION, HEALTH SPOTIFY, LIBRARY, AND STAFFER EXPENDITURES.
 (4) REVENUE BOND ITEMS INCLUDE WATER AND WASTEWATER FACILITY EXPENDITURES.
 Source: New Mexico, 1985-1986

Table 2.1-30. (Page 1 of 4)

AGGREGATING AND SPILL REQUIREMENT (00/200)-FTEAN/NOO BELLCO
 NEW 1 BY 21/018, AM 10/0000 00.1

4-1 RELATED CAPITAL INVESTMENTS REQUIREMENTS
 (THOUSANDS OF 1000 \$)

Category	1980-1985 (1000)	Annual Investment Requirement (1000)	1980-1985 (1000)
ADULT			
General obligation bond items (1)	0.0	0.0	101.0
Revenue bond items (2)	0.0	0.0	101.0
SCHMIS	0.0	0.0	454.2
Total	0.0	0.0	1000.0
CHILD			
General obligation bond items (1)	0.0	0.0	211.0
Revenue bond items (2)	0.0	0.0	102.0
SCHMIS	0.0	0.0	211.0
Total	0.0	0.0	524.0
C MURDER			
General obligation bond items (1)	0.0	0.0	120.0
Revenue bond items (2)	0.0	0.0	102.0
SCHMIS	0.0	0.0	40.0
Total	0.0	0.0	100.0
DALLAS			
General obligation bond items (1)	0.0	0.0	2100.0
Revenue bond items (2)	0.0	0.0	100.0
SCHMIS	0.0	0.0	100.0
Total	0.0	0.0	1000.0
DEER CREEK			
General obligation bond items (1)	0.0	0.0	100.0
Revenue bond items (2)	0.0	0.0	100.0
SCHMIS	0.0	0.0	100.0
Total	0.0	0.0	100.0
DEER			
General obligation bond items (1)	0.0	0.0	100.0
Revenue bond items (2)	0.0	0.0	100.0
SCHMIS	0.0	0.0	100.0
Total	0.0	0.0	100.0

Table 2.1-30. (Page 2 of 4)

GENERAL	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	2012.5
	REVENUE BOND ITEMS (4)	0.0	0.0	1145.5
	SCHMUS	0.0	0.0	3175.2
	TOTAL	0.0	0.0	6333.2
LOCAL	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	219.0
	REVENUE BOND ITEMS (4)	0.0	0.0	143.5
	SCHMUS	0.0	0.0	185.2
	TOTAL	0.0	0.0	547.7
STATE	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	199.0
	REVENUE BOND ITEMS (4)	0.0	0.0	119.5
	SCHMUS	0.0	0.0	356.4
	TOTAL	0.0	0.0	674.9
FEDERAL	GENERAL OBLIGATION BOND ITEMS (1)	2.0	2.2	4281.2
	REVENUE BOND ITEMS (4)	5.0	5.5	2559.4
	SCHMUS	0.0	0.0	3101.1
	TOTAL	7.0	7.7	10131.7
TOTAL	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	262.3
	REVENUE BOND ITEMS (4)	0.0	0.0	149.4
	SCHMUS	0.0	0.0	419.5
	TOTAL	0.0	0.0	831.2
UNION	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	49.4
	REVENUE BOND ITEMS (4)	0.0	0.0	41.9
	SCHMUS	0.0	0.0	92.5
	TOTAL	0.0	0.0	183.8
PARTS	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	52.3
	REVENUE BOND ITEMS (4)	0.0	0.0	38.2
	SCHMUS	0.0	0.0	38.2
	TOTAL	0.0	0.0	128.7
TOTALS/REMARKS	GENERAL OBLIGATION BOND ITEMS (1)	201.2	201.2	4081.0
	REVENUE BOND ITEMS (4)	155.0	155.0	2591.2
	SCHMUS	185.2	185.2	4381.1
	TOTAL	541.4	541.4	11053.3
TOTALS	GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.0	3.0
	REVENUE BOND ITEMS (4)	0.0	0.0	3.0
	SCHMUS	0.0	0.0	3.0
	TOTAL	0.0	0.0	9.0

Table 2.1-30. (Page 3 of 4)

SALESMAN			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	82.1
REVENUE BOND ITEMS (4)	0.0	0.2	46.1
SCHOOLS	0.0	0.2	41.7
TOTAL	0.0	0.2	169.9
CHARTER			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	3500.1
REVENUE BOND ITEMS (4)	0.0	0.0	1994.2
SCHOOLS	0.0	0.2	5521.3
TOTAL	0.0	0.2	11015.6
CITY			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	13180.4
REVENUE BOND ITEMS (4)	0.0	0.2	11005.5
SCHOOLS	0.0	0.2	25807.1
TOTAL	0.0	0.2	50013.2
DE BACA			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	140.7
REVENUE BOND ITEMS (4)	0.0	0.2	84.5
SCHOOLS	0.0	0.2	110.1
TOTAL	0.0	0.2	335.3
HOUSING			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	3507.1
REVENUE BOND ITEMS (4)	0.0	0.2	1000.0
SCHOOLS	0.0	0.2	5534.5
TOTAL	0.0	0.2	10041.6
UTAH			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	3352.9
REVENUE BOND ITEMS (4)	0.0	0.2	1000.0
SCHOOLS	0.0	0.2	5287.6
TOTAL	0.0	0.2	19640.5
MISSISSIPPI			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	4025.4
REVENUE BOND ITEMS (4)	0.0	0.2	2329.1
SCHOOLS	0.0	0.2	6056.0
TOTAL	0.0	0.2	12410.5
UTAH			
GENERAL OBLIGATION BOND ITEMS (1)	0.0	0.2	2.0
REVENUE BOND ITEMS (4)	0.0	0.2	2.0
SCHOOLS	0.0	0.2	2.0
TOTAL	0.0	0.2	6.0
TOTAL			
GENERAL OBLIGATION BOND ITEMS (1)	284.0	284.2	16781.7
REVENUE BOND ITEMS (1)	161.4	161.6	4668.7

Table 2.1-30. (Page 4 of 4)

SCHOLAR FUND	145.6 400.0	145.6 400.0	145.6 400.0	145.6 400.0
WFO OFFICE				
GENERAL OBLIGATION BOND ITEMS (1)	7640.8	6422.7	6422.7	31665.9
GENERAL OBLIGATION BOND ITEMS (2)	5792.1	1066.7	1066.7	10180.8
SCHOLAR FUND	25119.9	6264.8	6264.8	49318.0
TOTAL	31811.6	14554.3	14554.3	69341.6

REGIONAL TOTAL

GENERAL OBLIGATION BOND ITEMS (1)	1810.7	6472.6	6472.6	68419.3
GENERAL OBLIGATION BOND ITEMS (2)	3551.5	2016.1	2016.1	29228.3
SCHOLAR FUND	34528.8	6356.2	6356.2	67415.7
TOTAL	38412.6	15154.9	15154.9	145064.8

(1) INVESTMENT REGULATIONS PERMIT THE AVERAGE ANNUAL LEVEL OF INVESTMENT TO EXCEED THE LONG-TERM SERVICE

REQUIREMENTS AT THE FIRST YEAR IN WHICH THIS LEVEL OF INVESTMENT SHOULD BE OBTAINED.

(2) MAXIMUM ANNUAL INVESTMENT PERMIT.

(3) GENERAL OBLIGATION BOND ITEMS INCLUDE POLICE, FIRE, CORRECTION, HEALTH SERVICE, LIBRARY,

AND STREET EXPENDITURES.

(4) APPROXIMATE 1970-1971 DATA AND EARLIER FACILITY EXPENDITURES.

SOURCE: WFO 5-19-69, 10-7-71-80

Alternative 7. Peak year expenditures are expected to be \$145.1 million of the split deployment alternative, 55 percent of total peak year expenditures under Alternative 7.

The level of capital expenditures necessary to support growth due to M-X will be significant for all counties in the Texas/New Mexico deployment region. However, local jurisdictions do not have the ability to finance these levels of infrastructure demand. Due to the low tax base and/or property tax limitations in the local jurisdiction in the region, local jurisdictions would be unable to finance the bonds necessary to support either long term or peak year capital expenditure requirements. In addition, county areas having little or no long term effects will not have an incentive to build to the peak year requirements. Temporary degradation of service levels could result if mitigative strategies and/or outside aid are not available.

2.2 POTENTIAL IMPACTS ON POPULATION

As in Nevada/Utah, the general pattern of population change which would be induced by the project in Texas/New Mexico is likely to be rapid, large-scale growth during the construction "boom" period followed by rapid population losses, especially in areas affected only by DDA facilities, as construction is completed and operations begin. The efforts in Texas/New Mexico, however, would be spread over a larger number of counties and communities. The most important features of M-X-related population change to examine are the peak year, including the rapidity with which in-migrant population reaches its maximum level and the location and composition of the population present during the peak construction period, and the long-term population change, if any. The size, composition, and residential location of the permanent in-migrant population would be especially significant since these characteristics influence the extent of more-or-less permanent changes in the housing, land use, services, and general living environments of the affected communities.

TOTAL M-X-RELATED CHANGE AT THE REGIONAL SCALE

Table 2.2-1 shows the projected baseline population and net M-X-related population in-migration for the two alternatives which affect the 30-county Texas/-New Mexico region. Total population in a given year is the sum of the baseline and M-X-related in-migrant populations.

Full Deployment

For the full deployment Alternative 7, M-X-related in-migrant population present in the Texas/New Mexico region is projected to reach a maximum of 94,800 persons in 1987, a 13 percent increase above the baseline population projected for that year. Regional population growth during the five year M-X construction boom period would be increased to 3.4 annually, compared to about one percent annually without the project. The permanent M-X-related population change projected, about 37,000 persons, is less than two-fifths as great as in the peak year. The permanent in-migrant population generated by the project would represent less than a five percent increase over the baseline.

Split Deployment

Split deployment would reduce the number of in-migrants present in the peak year, about 53,400, by 44 percent compared to full deployment in the region. The number of permanent in-migrants, 19,700 persons, is lower by 63 percent than the peak year and increases the region's population by about 2.5 percent.

COMPOSITION OF THE M-X-RELATED IN-MIGRANT POPULATION

The composition of the project-related in-migrant population in terms of employment category for the full and split deployment alternatives in Texas/New Mexico is shown in Table 2.2-2. Households and population are categorized by the employment of the worker holding a direct job for households where more than one person is employed. The categories which appear in counties affected only by DDA facilities include cluster construction, assembly and checkout, and indirect, while the additional categories of base construction, military operations, and civilian operations would be present in the counties affected by bases. The categories present in an area are important because each has different socio-demographic characteristics. For example, the two construction categories, a large share of whom are workers present without families, have higher incomes, a slightly larger family household size, and younger age distribution than the general population (Mountain Nest Research, Inc., 1975), while the military population would contain a large share of single persons and would have a younger age structure and lower incomes (at least for enlisted personnel) than the general population. The indirect population generated by project-related expansion of local economic activity would likely approximate the characteristics of the state and regional populations. The two construction categories and assembly and checkout workers (all of whom are assumed to be present without families) represent populations that would be temporarily present during the construction phase, as would a major share of the indirect population.

Full Deployment

For Alternative 7, the population related to construction workers (36,788) would constitute about 39 percent of the in-migrants present in 1987, the peak year. Almost as many persons, about 32,500, associated with indirect employment would be temporarily in the region during the same year. About 48 percent of (45,700) the in-migrants present during the peak year would be civilian labor force participants and another 23 percent (22,200 persons) would be school age population. Over three quarters of the permanent in-migrants, about 28,200 persons, would be military personnel and their dependents. About 19 percent of the 37,000 permanent in-migrants would be civilian labor force participants and another 28 percent would be school age population.

Split Deployment

For the split deployment alternative the size of the population in the constituent employment categories is lower although the relative proportions remain about the same as for the full deployment alternative. In the long term, however, a larger share of the permanent in-migrants (80 percent) would be military personnel and their dependents. About 18 percent of the 19,700 in-migrants in the long term would be civilian labor force participants and another 28 percent would be school age population.

Table 2.2-1.

PROJECTED BASELINE POPULATION AND CUMULATIVE M-E RELATED IN-MIGRATION BY ALTERNATIVE, IN DEPLOYMENT REGION
ASSUMING TREND BASELINE

ALTERNATIVE / POPULATION	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BASELINE POPULATION	604200	701520	700000	716410	722070	729320	736560	743800	750600	757800	765150	772500	780120
ALTERNATIVE 7													
M-E IN-MIGRATION		12291	26194	53659	81220	94796	93265	88608	41124	37166	37001	36932	36352
TOTAL POPULATION	604200	713817	726194	770853	852070	824116	825825	832428	870724	907890	907891	907891	910172
PERCENT DIFFERENCE FROM BASELINE	0.6	1.8	3.7	7.5	11.2	13.0	12.5	9.2	5.3	4.0	3.0	2.9	4.3
ALTERNATIVE 84													
M-E IN-MIGRATION		9182	17498	29881	48310	53361	48438	34885	20511	19151	17115	17100	17694
TOTAL POPULATION	604123	710702	723688	746291	771880	781041	785995	789114	791141	793451	796066	797796	800816
PERCENT DIFFERENCE FROM BASELINE	0.6	1.5	2.5	4.2	6.7	7.3	5.3	4.7	2.7	2.4	2.4	2.5	2.5

SOURCE: IHR SCIENCES, 23-OCT-80

Table 2.2-2.

PROJECTED CUMULATIVE POPULATION IN-MIGRATION BY PROJECT RELATED EMPLOYMENT CATEGORY, & BY ALTERNATIVE, IN DEPLOYMENT REGION
ASSUMING TREND BASELINE

ALTERNATIVE / CATEGORY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
ALTERNATIVE 7													
BASE CONSTRUCTION	2452	4262	5297	4926	3756	4887	3450	1747	0	0	0	0	0
CLUSTER CONSTRUCTION	0	2210	5531	10033	27410	31501	27376	8284	0	0	0	0	0
ASSEMBLY & CHECKOUT	0	400	1050	3570	6000	6000	5700	5700	100	0	0	0	0
MILITARY OPERATIONS	0	0	2640	5343	11064	16273	22300	28163	28163	28163	28163	28163	28163
CIVILIAN OPERATIONS	0	0	307	796	1731	2795	3905	5048	5047	5047	5047	5047	5047
INDIRECT	1535	5423	11439	21001	29249	32493	29214	19634	7814	4156	3790	3761	3742
TOTAL	3987	12297	26194	53659	81220	94796	92265	88608	41124	37166	37001	36932	36352
ALTERNATIVE 84													
BASE CONSTRUCTION	0	398	4140	4467	4501	2764	0	0	0	0	0	0	0
CLUSTER CONSTRUCTION	0	0	39	4253	13791	18769	15750	5767	0	0	0	0	0
ASSEMBLY & CHECKOUT	0	250	700	1750	3000	3650	4300	4350	100	0	0	0	0
MILITARY OPERATIONS	0	0	0	2640	5153	7921	10309	12950	12950	12950	12950	12950	12950
CIVILIAN OPERATIONS	0	0	0	306	726	1206	1846	2266	2265	2266	2266	2267	2267
INDIRECT	677	1887	4224	7892	13917	15836	16534	17028	5175	1102	1047	1032	1025
TOTAL	637	2776	9104	22710	43091	50052	49359	37938	20470	16310	16261	16249	16242

EMPLOYMENT CATEGORY 19 FOR PRIMARY WORKER IN DEPLOYMENT REGION SOURCE: IHR SCIENCES, 1 NOV 80

REGIONAL-SCALE EFFECTS BY PLACE AND RESIDENCE

The projected in-migrant population at the county level has been disaggregated to three spatial categories of residence, where applicable: the bases, temporary construction camps, and local communities. These projections are presented in Table 2.2-3. Changes in the size of the community portion of the in-migrant population are especially important because they generate changes in demands for housing, urban land, and community services and facilities. Effects on communities would be less than suggested by aggregate population changes since substantial shares of the transient construction population would be accommodated in temporary camps and a majority of the permanent in-migrants would be housed on the operating bases.

Full Deployment

For Alternative 7, about 72 percent of the in-migrants present in the peak year, about 68,400 persons, are projected to reside in local communities, with about 10 percent in construction camps and about 17 percent on the bases. The number of persons which must be absorbed by communities in the long term would be considerably lower, about 15,900 persons or 43 percent of the total, due to out-migration of construction-related population.

Split Deployment

The number of in-migrants projected to be present in communities in the peak year, about 37,300 persons, would be about one-half as many as with full deployment. In the long term, the number present in communities would be reduced to about 7,000, due to out-migration of construction-related population, while another 12,700 would be housed on base.

GEOGRAPHICAL DISTRIBUTION OF POPULATION EFFECTS

During the peak year of the construction "boom", substantial effects on population would be experienced by many of the counties within the DDA, while all long-term effects are attributable to the bases alone. Permanent population change related to the project, therefore, would be limited to counties where operating bases are proposed, with some spillover to nearby counties which have communities within commuting distance of the base.

Full Deployment

The distribution of M-X-related in-migrant population by county is shown in Table 2.2-4 for Alternative 7. During the peak year of the construction "boom" period about 51,500 persons, or 54 percent of all project-related in-migrants, would be located in the counties affected primarily by operating bases, including Hartley, Dallam, and Moore in Texas, and Curry County, Texas. About 60 percent of the project-induced population in the peak year would be present in the Texas portion of the region, with 40 percent in New Mexico. Long term effects associated with the bases occur in Curry and Roosevelt counties in New Mexico, and Hartley, Dallam and Moore counties and the metropolitan Amarillo area in Texas.

Table 2.2-3.

PROJECTED CUMULATIVE POPULATION IN-MIGRATION BY PLACE OF RESIDENCE, BY ALTERNATIVE, IN DEPLOYMENT REGION
ASSUMING TREND BASELINE

ALTERNATIVE / PLACE OF RESIDENCE	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
ALTERNATIVE 7													
CONSTRUCTION CAMPS	0	307	1323	3669	8952	9891	8914	4866	50	0	0	0	0
OPERATIONS BASE	500	1232	4094	7107	12546	16328	20341	24092	21117	21067	21067	21067	21067
LOCAL COMMUNITIES	3479	10337	20776	40883	59720	68378	63008	39650	19937	16299	15934	15905	15086
TOTAL	3987	12297	26194	53659	81220	94796	92263	68608	41124	37366	37001	36772	36752
ALTERNATIVE 80													
CONSTRUCTION CAMPS	0	0	28	1335	4176	5443	5407	3369	50	0	0	0	0
OPERATIONS BASE	0	322	1357	4394	7206	9018	10348	12360	10410	10360	10360	10360	10360
LOCAL COMMUNITIES	637	2203	7518	16380	31708	35586	32725	22229	10030	5950	5903	5009	5082
TOTAL	637	2525	9104	22310	43091	50052	48359	37958	20490	16318	16263	16249	16242

SOURCE: HWI SCIENCED, 1-NOV-80

Table 2.2-4. (Page 1 of 4)

IMMIGRATION IMPACTS

ALTERNATIVE 7: FULL EMPLOYMENT - TEXAS/NEW MEXICO (1)
BASE 1: AT DOWNS, NEW CURRY (1)
BASE 2: AT DOWNS, TX (HARLEY / CO)

CITY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
BALBY													
BASELINE	8330	8330	8370	8400	8410	8430	8450	8470	8490	8500	8500	8500	8500
WITH M-X	8330	8330	8370	8400	8410	8430	8450	8470	8490	8500	8500	8500	8500
DIFFERENCE	0	0	22	274	1084	11409	10169	8482	8493	0	0	0	0
PERCENT INCREASE	0	0	0.3	3.3	12.5	13.6	12.1	10.3	10.3	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
CANTON													
BASELINE	10370	10610	10650	10700	10770	10830	10930	11010	11070	11190	11270	11370	11470
WITH M-X	10370	10610	10650	10700	10770	10830	10930	11010	11070	11190	11270	11370	11470
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
CRIBARIAN													
BASELINE	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
WITH M-X	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
DALLAM													
BASELINE	6850	6930	7010	7100	7170	7230	7330	7410	7500	7610	7730	7850	7970
WITH M-X	6850	6930	7010	7100	7170	7230	7330	7410	7500	7610	7730	7850	7970
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
EL PASO													
BASELINE	19970	20110	20250	20400	20610	20830	21050	21270	21500	21750	22010	22280	22550
WITH M-X	19970	20110	20250	20400	20610	20830	21050	21270	21500	21750	22010	22280	22550
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
EL PASO													
BASELINE	38080	38180	38280	38380	38480	38580	38680	38780	38880	38980	39080	39180	39280
WITH M-X	38080	38180	38280	38380	38480	38580	38680	38780	38880	38980	39080	39180	39280
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.2-4. (Page 2 of 4)

SMITHLEY	BASLINE	2650	2730	2810	3070	3970	4050	4180	4210	4290	4370	4490	4580	4610
	WITH M-1	2650	2713	4145	7017	11857	17621	10477	18077	15872	15679	15649	15709	15009
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
SMITHLEY	BASLINE	21730	21850	21970	22090	22210	22330	22450	22570	22690	22810	22930	23050	23170
	WITH M-1	21730	21850	21974	22270	22496	22773	23051	23328	23605	23882	24159	24436	24713
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
LAW	BASLINE	17400	17400	17400	17400	17370	17350	17330	17310	17290	17270	17250	17230	17210
	WITH M-1	17400	17400	17400	17419	17504	17564	17624	17684	17744	17804	17864	17924	17984
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
LIMBROCK	BASLINE	220240	223360	226480	229600	232720	235840	238960	242080	245200	248320	251440	254560	257680
	WITH M-1	220240	223360	227415	232741	238357	244273	250389	256505	262621	268737	274853	280969	287085
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
MURPHY	BASLINE	14610	14670	14730	14800	14870	14950	15030	15110	15190	15270	15350	15430	15510
	WITH M-1	14610	14670	14730	14829	14929	15029	15129	15229	15329	15429	15529	15629	15729
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
MURPHY	BASLINE	2730	2750	2770	2790	2810	2830	2850	2870	2890	2910	2930	2950	2970
	WITH M-1	2730	2750	2772	2800	2832	2864	2896	2928	2960	2992	3024	3056	3088
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKER	BASLINE	10300	10300	10300	10300	10310	10310	10320	10330	10340	10350	10360	10370	10380
	WITH M-1	10300	10300	10309	10308	10310	10311	10312	10313	10314	10315	10316	10317	10318
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTER/RANDALL	BASLINE	164340	168560	170460	172780	174780	176800	178840	180940	183100	185300	187500	189700	192000
	WITH M-1	164340	168706	171382	176074	184445	192165	199334	206048	212308	218114	223466	228364	232808
	DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
	OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.2-4. (Page 3 of 4)

SIRHAN	BASLINE	3830	3050	3870	3090	3910	3930	3950	3970	4000	4030	4070	4110	4130
	WITH M-I	3830	3850	3870	3700	3937	4226	4632	4642	4134	4032	4070	4110	4130
	DIFFERENCE	0	0	0	10	47	296	702	622	134	2	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.3	1.2	7.5	17.0	16.9	3.0	0.0	0.0	0.0	0.0
MUSHER	BASLINE	10370	10610	10650	10700	10770	10850	10730	11010	11090	11210	11330	11450	11370
	WITH M-I	10370	10610	10650	10723	10862	10983	11026	11046	11090	11210	11370	11450	11370
	DIFFERENCE	0	0	0	25	92	135	96	36	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	0.2	0.9	1.2	0.9	0.3	0.0	0.0	0.0	0.0	0.0
CHAVES	BASLINE	53470	54330	55210	56100	56090	57700	58320	59350	60190	60940	61690	62450	63220
	WITH M-I	53470	54330	55227	57270	57904	59148	58808	59350	60190	60940	61690	62450	63220
	DIFFERENCE	0	0	17	3190	5790	1448	288	0	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.0	5.7	10.2	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
LIMBY	BASLINE	43870	44010	44150	44290	44310	44330	44350	44370	44400	44310	44230	44150	44070
	WITH M-I	47623	53270	61094	68506	70904	69399	69703	68101	63383	63243	63164	63084	63004
	DIFFERENCE	3753	9260	16944	24216	26594	25069	23555	23731	18983	18933	18734	18714	18714
	PERCENT INCREASE OVER BASELINE	8.6	21.0	38.4	54.7	60.0	56.6	53.6	53.5	42.8	42.7	42.8	42.9	43.0
DE BACA	BASLINE	2600	2600	2600	2600	2570	2550	2530	2510	2500	2500	2500	2500	2500
	WITH M-I	2600	2633	2682	2721	2635	2593	2581	2536	2504	2500	2500	2500	2500
	DIFFERENCE	0	33	82	121	65	43	51	26	4	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	1.3	3.2	4.7	2.5	1.8	2.0	1.0	0.2	0.0	0.0	0.0	0.0
HAWDING	BASLINE	1030	1030	1010	1000	970	950	930	910	890	850	810	770	730
	WITH M-I	1030	1030	1011	1481	4720	4641	2386	1043	892	850	810	770	730
	DIFFERENCE	0	0	1	481	3750	5711	1636	131	2	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	0.0	0.1	48.1	386.6	601.2	178.1	14.4	0.2	0.0	0.0	0.0	0.0
HAWY	BASLINE	11230	11250	11270	11270	11270	11250	11230	11210	11200	11150	11110	11070	11030
	WITH M-I	11230	13510	16165	14835	12274	11670	11469	11218	11200	11150	11110	11070	11030
	DIFFERENCE	0	2280	4895	3545	1006	440	279	8	0	0	0	0	0
	PERCENT INCREASE OVER BASELINE	0.0	20.1	43.4	31.5	8.9	3.9	2.1	0.1	0.0	0.0	0.0	0.0	0.0
MURKUSLY	BASLINE	16810	16670	16730	16800	16870	16950	17030	17110	17200	17270	17350	17430	17510
	WITH M-I	16842	17285	18265	21319	21942	22375	23175	24052	24824	25551	26276	27001	27726
	DIFFERENCE	332	615	1535	4519	5072	5425	6145	5942	1024	1081	1026	1071	1216
	PERCENT INCREASE OVER BASELINE	1.4	3.7	9.2	26.9	30.1	32.0	36.1	34.6	6.0	6.2	6.0	6.1	7.0

Split Deployment

The split deployment alternative concentrates a greater share of the peak and long-term population effects within New Mexico. In the peak year about 44 percent of the project-related in-migrant population would be in Curry County, while all long-term effects are limited to Curry and adjacent Roosevelt counties in New Mexico. Table 2.2-5 presents population impact estimates by county for the split deployment alternative.

Table 2.2-5. (Page 1 of 4)

POPULATION IMPACTS

ALTERNATIVE 2 FUEL IMPLEMENTATION - TEXAS/NEW MEXICO

BASE I AT CUDWIS, NM (CUDWIS, NM)

BASE II AT DALHART, TX (DALHART, TX)

CITY	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
DALLAS													
BASELINE	8330	8330	8370	8400	8410	8430	8450	8470	8490	8500	8500	8500	8500
WITH M 2	8330	8330	8370	8400	8410	8430	8450	8470	8490	8500	8500	8500	8500
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
CASPER													
BASELINE	10370	10610	10650	10700	10770	10830	10910	11010	11090	11190	11290	11370	11470
WITH M 2	10370	10610	10650	10700	10770	10830	10910	11010	11090	11190	11290	11370	11470
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
EL PASO													
BASELINE	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
WITH M 2	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
HOUSTON													
BASELINE	6850	6850	7010	7100	7170	7250	7330	7410	7500	7610	7730	7860	7970
WITH M 2	6850	6850	7010	7100	7170	7250	7330	7410	7500	7610	7730	7860	7970
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
LOS ANGELES													
BASELINE	19970	20110	20270	20400	20610	20830	21050	21270	21500	21730	22010	22310	22630
WITH M 2	19970	20110	20270	20400	20610	20830	21050	21270	21500	21730	22010	22310	22630
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
PHOENIX													
BASELINE	38080	38480	38890	39300	39710	40120	40530	40940	41350	41760	42170	42580	43000
WITH M 2	38080	38480	38890	39300	39710	40120	40530	40940	41350	41760	42170	42580	43000
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.2-5. (Page 2 of 4)

HAWLEY														
BASLINE	3650	3730	3810	3920	3970	4070	4140	4210	4300	4370	4450	4540	4610	4710
WITH M 1	3650	3713	3810	3917	3983	4061	4143	4210	4300	4370	4450	4540	4610	4710
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEPNER														
BASLINE	21730	21850	21970	22090	22190	22290	22390	22490	22600	22730	22870	23010	23150	23300
WITH M 1	21730	21850	21974	22090	22190	22290	22373	22481	22552	22600	22670	22740	22810	22900
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LANE														
BASLINE	17400	17400	17400	17400	17370	17350	17330	17310	17290	17270	17250	17230	17210	17190
WITH M 1	17400	17400	17400	17419	17379	17354	17342	17310	17270	17230	17190	17150	17110	17070
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIMBUCK														
BASLINE	220240	223380	226510	229770	232410	235040	237740	240430	243190	245930	248740	251520	254410	257400
WITH M 1	220240	223380	227413	232741	237317	242032	246911	251911	257053	262031	266922	271831	276869	281930
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERROW														
BASLINE	14610	14670	14730	14800	14870	14930	15030	15110	15190	15290	15390	15490	15570	15670
WITH M 1	14610	14670	14730	14739	14790	14831	14857	14879	14894	14904	14914	14924	14934	14944
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REIDMAN														
BASLINE	2730	2750	2770	2790	2810	2830	2850	2870	2890	2910	2930	2950	2970	2990
WITH M 1	2730	2750	2772	2800	2832	2868	2903	2938	2973	3003	3033	3063	3093	3123
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROPER														
BASLINE	10300	10300	10300	10300	10310	10310	10310	10370	10400	10470	10530	10600	10670	10740
WITH M 1	10300	10300	10309	10309	10310	10310	10310	10370	10400	10470	10530	10600	10670	10740
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTHMAN/DAWALL														
BASLINE	166340	168390	170460	172780	174780	176800	178860	180960	183100	185280	187500	189760	192060	194400
WITH M 1	166340	168704	171342	174074	176844	179653	182503	185403	188348	191338	194373	197453	200578	203748
DIFFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.2. (continued)

A. 1970-1971									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0
B. 1972-1973									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0
C. 1974-1975									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0
D. 1976-1977									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0
E. 1978-1979									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0
F. 1980-1981									
BASELINE	1000	1000	1000	1000	1000	1000	1000	1000	1000
WITH M 1	1000	1000	1000	1000	1000	1000	1000	1000	1000
DIFFERENCE	0	0	0	0	0	0	0	0	0
PERCENT INCREASE	0	0	0	0	0	0	0	0	0
OVER BASELINE	0	0	0	0	0	0	0	0	0

ED
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